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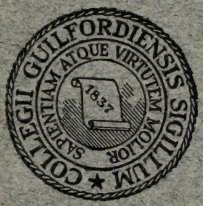
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Vol. XIII. APRIL, 1920 No. 1

Guilford College Bulletin

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CATALOGUE NUMBER

PUBLISHED QUARTERLY BY GUILFORD COLLEGE
GUILFORD COLLEGE, N. C.

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GUILFORD COLLEGE BULLETIN

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CALENDAR

Eighty-Fourth Academic Year

1920

September 7th Beginning of the Session
Registration and Classification

September 6th, 7th, 8th Opportunity for Removing
Deficiencies by Re-examination

September 8th, Wednesday, 8:20 a. m. Recitations Begin

November 9th First Quarter Ends

November 25th Thanksgiving Recess
Community Singing

December 4th Philomathean Oratorical Contest

December 21st, 4:00 p. m. Christmas Recess Begins

1921

January 4th, 8:20 a. m. Recitations Resumed

January 17th-22nd Mid-Year Examinations

January 24th Second Term Begins

February 12th Henry Clay Oratorical Contest

March 19th Examinations for Removing Conditions

March 24th Third Quarter Ends

March 25th, 26th, 27th, and 28th Easter Recess

April 9th Zatasian Oratorical Contest

May 14th Websterian Oratorical Contest

May 24th-28th Final Examinations

May 29th Baccalaureate Service
Sermon Before the Christian Associations

May 30th Senior Class Day
Annual Meeting of the Alumni Association

May 31st Commencement Day
Conferring of Degrees
Commencement Address

Board of Trustees

	Term Expires
David White, Greensboro, N. C.	1920
Dudley D. Carroll, Chapel Hill, N. C.	1920
Chas. F. Tomlinson, High Point, N. C.	1921
Zeno H. Dixon, Elkin, N. C.	1921
N. C. English, Trinity, N. C.	1922
Wm. T. Parker, High Point, N. C.	1922
Henry A. White, High Point, N. C.	1923
D. Ralph Parker, High Point, N. C.	1923
C. P. Frazier, Greensboro, N. C.	1924
Walter E. Blair, Greensboro, N. C.	1924
J. Elwood Cox, High Point, N. C.	1925
Jeremiah S. Cox, Greensboro, N. C.	1925

J. Elwood Cox, *Chairman*
David White, *Secretary*

Advisory Committee

Appointed by the Yearly Meeting

	Term Expires
Priscilla B. Hackney, Greensboro, N. C.	1920
Roxie D. White, Guilford College, N. C.	1920
Sandia Lindley, Pomona, N. C.	1920
Mary M. Petty, Greensboro, N. C.	1921
Gertrude W. Mendenhall, Greensboro, N. C.	1921
Bertha Cox, High Point, N. C.	1921
Mary D. Cox, High Point, N. C.	1922
Mary E. M. Davis, Guilford College, N. C.	1922
Anna W. Williams, Guilford College, N. C.	1922

Standing Committees of the Trustees

Officers and Faculty—C. F. Tomlinson, N. C. English, D. D. Carroll.

Literary Department—Dudley D. Carroll, C. F. Tomlinson, Zeno H. Dixon.

Boarding Department—C. P. Frazier, Zeno H. Dixon, Walter E. Blair.

Buildings and Grounds—D. Ralph Parker, David White, H. A. White.

Water, Lights and Heat—H. A. White, J. S. Cox, D. Ralph Parker.

Farm—W. T. Parker, N. C. English, Walter E. Blair.

Endowment Fund—J. E. Cox, David White, N. C. English.

Auditing and Finance—J. S. Cox, D. D. Carroll.

Committee to Confer with Committee from Yearly Meeting—J. S. Cox, N. C. English, C. P. Frazier.

FACULTY

RAYMOND BINFORD, S. M., PH. D.

BIOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph. D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., summers 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., summers 1912-1917; Professor of Biology and Geology, Guilford College, 1901-1914; Professor of Zoology at Earlham College, 1914-1918; President of Guilford College since 1918.

LEWIS LYNDON HOBBS, A. M., LL. D.

EDUCATION

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philosophy, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

LATIN AND HISTORY

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin, Guilford College, since 1892.

MARK BALDERSTON, A. B.

PHYSICS

A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Professor of Physics, Guilford College, since 1915.

ALMA TAYLOR EDWARDS, A. B.

ASSISTANT IN LATIN AND ENGLISH

A. B., Guilford College, 1907; Bryn Mawr College, 1907-1908; Teacher Latin and Mathematics, Chester High School, 1908-1910; Teacher of Latin, Pineland School for Girls, 1910-1914; Assistant in Latin and English, Guilford College, since 1914.

ANNA WILKINS ROBERTS, A. B.

FRENCH

A. B., Bryn Mawr, 1915; Principal Plymouth Friends' School, 1915-1917; French and German, Guilford College, since 1917. On leave of absence 1919-1920.

BESSIE V. NOLES, A. B.

HOME ECONOMICS

A. B., Bessie Tift College, 1906; Teachers' College Columbia University, 1915; Librarian and Instructor Bessie Tift College, 1906-1914; Teacher of Home Economics, Salem College, 1915-1917; Teacher of Home Economics, Guilford College, since 1917.

FRANCIS CHARLES ANSCOMBE, A. B.

HISTORY AND BIBLICAL LITERATURE

A. B., Earlham College, 1916; Assistant in Biblical Literature, ibid., 1916; Assistant in English and Graduate Student, ibid., 1917; Graduate Student in Philosophy, History and Hebrew, Johns Hopkins University, 1918-19; Professor of History and Economics, Guilford College, 1918.

ELEANOR MAY GIFFORD, A. M.

ENGLISH

A. B., Mount Holyoke College, 1915; A. M., Haverford College, 1918; Professor of English, Guilford College, since 1918.

WILLIAM AUGUSTUS RUDISILL, A. B., B. S., M. S.

CHEMISTRY

A. B., Lenoir College, 1909; B. S., University of N. C., 1911; Assistant in Chemistry, ibid., 1911; Professor Chemistry and Physics, Lenoir College, 1911-1913; M. S., University of North Carolina, 1914; Assistant in Chemistry, ibid., 1914; Graduate Student, ibid., 1914-1915; Professor of Chemistry and Physics, Thiel College, 1915-1916; Instructor in Chemistry, Purdue University, 1916-1919; Professor of Chemistry, Guilford College, 1919-1920.

LAURA JENNIE BEACH, A. B.

FRENCH

A. B., Vassar College, 1896; Graduate Student Yale University, 1898-1899; Graduate Student Berlin University, Sorbonne, 1900-1901; Teacher of French, German and Art, High School, Shamokin, Pa., 1896-'98; Teacher of German and French, Holyoke, Mass., 1899-'00; Teacher of French, German and History, High School, Laconia, N. H., 1901-1902; Teacher of French, High School, Troy, N. Y., 1902-1916; Teacher of French, Guilford College, 1919-1920.

MARK CARTER MILLS, A. B.

POLITICAL SCIENCE AND ECONOMICS

A. B., Earlham College, 1916; Teacher of History, West Newton (Ind.) High School, 1914-1915; Instructor in History and Political Science, Pacific College, 1916-1917; Guilford College, 1919-1920.

J. WILMER PANCOAST, B. S.

MATHEMATICS

B. S., Swarthmore College, 1901; Special Work at University of Pennsylvania, University of Cornell, University of Chicago; Instructor of Mathematics, George School, Bucks County, Pennsylvania, 1902-1918; Professor of Mathematics, Guilford College, since 1919.

BARBARA JANE RUDISILL, B. Mus.

PIANO

B. Mus., Lenoir College, 1910; Assistant Teacher of Music, Lenoir College, 1910-1912; Student of Music, New England Conservatory, 1913-1914; Supervisor of Music in Public Schools, Kings Mountain, N. C., 1915-1916; Teacher of Music, Lafayette, Indiana, 1918-1919; Guilford College, since 1919.

JAMES WESTLEY WHITE

VOCAL

Student at International School of Vocalists, Boston; Private Teachers, New York; Soloist in leading churches of Boston and New York, in festivals and tours; Director of Chorus and Choir; Instructor in Vocal Music, Guilford College, 1919-1920.

JOSEPH T. MADDOX

INSTRUCTOR IN BIOLOGY

L. LEA WHITE, A. B.

EDUCATION

A. B., Guilford College, 1904, and Haverford College, 1905; School of Education, University of Virginia Summer Session, 1907; Principal Jamestown High School 1905-1910; Principal Winston-Salem City High School, 1910-1920; elected Professor of Education at Guilford College.

ROBERT S. DOAK, A. B.

PHYSICAL DIRECTOR

ELEANOR BALLARD, A. B.

PHYSICAL DIRECTOR FOR GIRLS

A. B., Earlham College, 1920. Elected for 1920-1921.

GERTRUDE HOBBS, A. B.

A. B., Guilford College, 1919. Assistant in French, 1919-1920.

NANCY EVA LASLEY, B. S.

B. S., Guilford College, 1913. Assistant in Mathematics, 1919-1920.

BEATRICE LYNNE BYRD, B. M.

B. M., Greensboro College for Women, 1914; Voice Diploma, Greensboro College, 1914; Pupil of Anthony Carlsen, Los Angeles, Calif.; Studio Assistant to Director Greensboro College for Women, 1913-1914; Teacher of Voice and Piano, Greenville (S. C.) Woman's College, 1916-1918.

Officers of Administration

RAYMOND BINFORD
PRESIDENT

MARK BALDERSTON
DEAN

H. LOUISA OSBORNE
DEAN OF WOMEN

MARK C. MILLS
DEAN OF MEN

MAUD L. GAINEY
TREASURER

JULIA S. WHITE
LIBRARIAN

ALMA T. EDWARDS
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E. EDGAR FARLOW
BUSINESS MANAGER

SARAH E. BENBOW
MATRON

ETHEL G. LOVETT
SECRETARY TO THE PRESIDENT

EMILY R. LEVERING
MATRON NEW GARDEN HALL

Committees of the Faculty

Executive—Prof. Balderston, Dr. Hobbs, Miss Edwards, Miss Osborne.

Absences—Profs. Balderston and Mills, Miss Osborne, Miss Beach.

Library—Miss Julia White, Profs. Davis and Anscombe, Miss Edwards, Miss Gifford, Miss Noles.

Athletics—Robert S. Doak, Profs. Balderston and Pancoast.

Girls' Athletics—Miss Noles, Miss Edwards.

Discipline—Profs. Mills and Balderston, Miss Edwards, Miss Osborne, Mrs. Levering.

Social—Miss Osborne, Prof. and Mrs. Rudisill, Prof. Balderston.

Credentials—Prof. Balderston, Miss Gifford, Miss Edwards.

Publications—Prof. Anscombe, Dr. Hobbs, Miss Edwards.

Examinations—Miss Noles, Miss Gifford, Prof. Pancoast.

Campus—Dr. Hobbs, Mr. Farlow, Miss Benbow, Miss Noles.

Debates and Lectures—Profs. Anscombe and Mills, Miss Gifford, Coach Doak, Dr. Hobbs.

HISTORICAL SKETCH

New Garden Boarding School

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and nineteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership — a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other States, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

Guilford College

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the State in 1888, with authority to confer academic degrees upon the completion of a college course.

Location

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro was chosen in the midst of a progressive neighborhood. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty-two years the institution has flourished and developed.

Material Equipment

Farm and Campus

The College property consists of two hundred and ninety acres of campus, field and woodland. The campus and athletic fields occupy about thirty acres. About half of the remainder has been cleared, most of which has been built up by a splendid system of cultivation. A fine herd of carefully selected grade Guernsey cattle is housed in a well appointed dairy barn to the east of the campus. The college table is supplied abundantly with milk and butter of the highest grade. An increasing effort is being made by the farm management to supply the major portion of the vegetables and fruits, both fresh and canned, which the college family uses during the year. The farm and dairy equipment and management are thoroughly modern in every respect and are valuable object lessons for students interested in agriculture.

The campus with its fine old oaks is the peer of any in the state. About it in a large quadrangle are grouped the ten principal buildings, all of which, except the gymnasium, are of brick, thoroughly substantial and unusually pleasing in appearance.

Founders Hall

On entering the grounds at the "1909" gateway one sees the white pillars of Founders Hall at the end of the long vista down the drive. This is the oldest building of the group. It was erected in 1837. In 1908 it was entirely remodeled and the second and

third floors equipped as a modern dormitory for girls. On the first floor are the dining room, the halls of the Philomathean and Zatasian Literary Societies, the Matron's rooms, reception rooms, book store and offices of the Guilfordian, the College Treasurer, and the Business Manager. On the second floor is a large assembly room for the Young Women's Christian Association.

Archdale Hall

This hall was erected in 1886 and was named in memory of the Quaker Governor, John Archdale. It is used as a boys' dormitory and will comfortably accommodate forty-eight young men.

Y. M. C. A. Hall

This hall was built in 1891 to accommodate the Young Men's Christian Association. Recently the interior of this building has been remodeled. The Y. M. C. A. room has been enlarged and improved. The upper floor has been made into two handsomely equipped literary society rooms for the Websterian and Henry Clay Societies.

Memorial Hall

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also to supply an auditorium. This building was erected in 1897, and is

named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

This building contains the President's office, the Dean's office, the Chemistry Laboratory and Lecture Rooms, the Biology Laboratory, the Home Economics Laboratory, the Music Department, the Auditorium, and the Museum.

New Garden Hall

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work, thus lessening their expenses. The Hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

The Library

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. It is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study.

The original Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been to make it most available for use, hence our facilities for reference work are especially worthy of comment.

The Library is intended to be, and is well fitted to be, the workshop of the College, the center of its intellectual life.

There are now over ten thousand volumes in the Library and these are in use daily by students and persons connected with the College. A large donation has come recently, consisting of the entire library of Anna Yarnall, of Philadelphia. The reading room is well supplied with the state papers, and the best of magazines and periodicals representing general literature and the special departments.

King Hall

The present King Hall is the third building so named, the former two having been destroyed by fire. The building as now constructed contains eight large class rooms and the Physics Laboratory.

Cox Hall

Cox Hall is a dormitory for young men. The three center sections were built in 1912 and two new sections were added in 1917. This building will accommodate 104 students. The sections have separate entrances and are divided from each other by solid fireproof walls. On each floor of each section there are four rooms, and each group of four has its own shower bath and lavatory. There is hot and cold water in each room. In the basement is a locker room and shower baths for day students and visiting athletic teams. No expense has been spared to make Cox

Hall artistic both inside and out and to provide it with every modern convenience.

The Church

The large meeting house was erected in 1912 to accommodate the sessions of the Yearly Meeting. It serves for the regular religious meetings of the College community.

The Gymnasium

The Gymnasium contains an excellent basketball floor 50 x 76 feet. There are two galleries giving ample room for spectators at intercollegiate contests.

Athletic Fields

The athletic equipment is large enough to enable every student in College to secure an abundance of outdoor exercise.

The Hobbs Athletic Field is a carefully graded tract of ground of three acres, perfectly adapted to football, soccer, baseball and track. It is surrounded by a quarter mile running track with a 100-yard straightway.

There are ten sand-clay tennis courts on the campus, giving ample room for all to play who desire to do so.

The girls' athletic grounds are situated to the west of New Garden Hall.

The Laboratories

The College possesses four laboratories: Chemistry, Physics, Biology, and Domestic Science. These

laboratories, comfortably situated in large, well lighted rooms, are well equipped with modern apparatus and offer every facility for elementary or advanced work.

The various material resources outlined above have been made possible by the generosity and aid of a large circle of friends of Guilford College, and everything has been done with a view to giving young women and young men a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

Policy and Ideals

The founders of the College desired to establish an institution where a broad liberal culture might be

secured with homelike surroundings and under religious influences. The history of the College has continuously demonstrated that these ideals have been attained to an unusual degree. An education which has for its sole object the increasing of the earning power of the student has no place at Guilford, for while this object is not lost sight of in the rigid mental training that is given and in the various professional courses which are offered, yet an earnest effort is made to combine with an increase in ability an increase in spiritual insight and a widening of the mental horizon.

Although Guilford College cannot properly be classed as a professional school, yet the College is abundantly prepared to give in its well equipped and up-to-date laboratories, thorough scientific training for advanced professional study. The immature student gains the advantage of the intimate personal oversight of the faculty such as is possible in a small college only.

In accordance with the ideals outlined above, the course is designed to include something of every important phase of human knowledge, but the requirement is also made that one subject be studied with sufficient thoroughness to make that a life work if desired.

A good many Guilford students teach and the excellent reputation which the graduates of the College have acquired in this work has been due to the fact that it is insisted on that a student is not prepared to teach unless a thorough knowledge of the

subject to be taught is gained. A sufficient number of courses in Education are offered to give the student a proper professional training and satisfy all the State requirements, but these courses are not multiplied at the expense of those subjects which make a well stocked mind the greatest asset in a school room.

Thoroughness in all things and a serious effort to avoid all sham and pretense have characterized the policy of the College since the beginning.

Religious Exercises

Although under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by its brief talks and such other exercises as seem most appropriate, special effort is made to promote a positive, healthy religious life.

All students are required to attend the regular meetings for worship held once a week.

The Y. M. C. A. and Y. W. C. A., in which nearly every student is enrolled, are very active organizations, and through their weekly prayer meetings, Bible classes, Mission Study classes, etc., exercise a helpful and uplifting influence.

Endowment

The encouragement to make still greater provision for the future, which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving $45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College $25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave $15,000 to the endowment, making their total donations to Guilford $25,000. Among the benefactors is Samuel Hill, who gave $5,000 in memory of his father, Nathan B. Hill, and $6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of $5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of $12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of $5,000 is in memory of Francis White who, in his lifetime, gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox Fund of $5,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of $1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of $1,500—a scholarship fund.

The Richardson Fund of $2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of $1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of $1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of $5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of $1,000—scholarship fund.

The Doctor Dicia Baker Fund of $5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of $500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The John B. Griffin Fund of $1,250—a scholarship fund for girls.

The Joseph J. Cox Memorial Fund of $3,000.00—for the Biblical Department.

The Rufus and Lydia White Memorial Fund of $1,000—endowment.

The George W. White Memorial Fund of $1,000—endowment.

The total sum of permanent funds—those named above, and others—is $198,086.95. The plant and the endowment are now worth more than half a million dollars.

REQUIREMENTS FOR ADMISSION

Candidates for admission to the Freshman Class must have four years of high school preparation or a full equivalent. A chief cause of failure in college work is unsatisfactory preparation, and a thorough knowledge of preparatory subjects is absolutely essential before taking up the work of the college course.

Applicants will be admitted without examination upon presentation, on or before the opening of the college year, of a Certificate of Admission from an accredited high school. Blank certificates will be furnished on application to the College and should be filled out and sent in some time during, or before, the summer vacation. It is important that this be done as early as possible as it is difficult to secure records from teachers while on their vacations. The Certificates of Admission must be filled out and signed by the Principal of the school from which the applicant comes. If two or more high schools have been attended, a certificate must be secured from each one.

Examinations will be required before credit is given for any subject which has not been properly certified.

Students coming from accredited high schools, if recommended in fourteen units in which the required units are included, are given Freshman standing. Students so recommended who have not more than two units of deficiencies, either of required subjects or of electives, are given conditional Freshman stand-

ing. Such conditions should be removed before the beginning of Sophomore year. The Preparatory Department offers an excellent opportunity for their removal.

Credits allowed on credentials are in all cases conditional. A student thus admitted has only probationary standing for the first term and if his work in any Freshman subject indicates that his preparation in that subject has been insufficient he may be required by action of the faculty to complete his preparation in the proper course of the Preparatory Department or pass a creditable examination over the preparatory work before he may again enter the course in question.

Beginning with 1921 fifteen units will be required for unconditional Freshman standing.

Preparatory Subjects Required for Entrance

English	3 units
Algebra	1½ units
Plane Geometry	1 unit
Foreign Languages	4 units
History	1 unit
Electives	3½ units

A high school course taken five periods a week for one school year is valued at one unit.

Not less than two units will be accepted in any one language, unless presented as an elective.

For groups AI, AII and AIII four units of Latin must be presented.

Not more than three units will be accepted in History.

Students entering courses BI, BII and BIII are urged to present French or German for entrance if possible.

The electives must be selected from the following list:

Table of Subjects Accepted for Entrance

Subjects	Topics	Units
English A	Grammar and Analysis	1
English B	Composition and Elementary Rhetoric	1
English C	Selections of Literature	1
Mathematics A	Algebra to Quadratics	1
Mathematics B	Advanced Algebra	½ or 1
Mathematics C	Plane Geometry, complete	1
Mathematics D	Solid Geometry	½
Mathematics E	Trigonometry	½
History A	Ancient	1
History B	Mediaeval and Modern	1
History C	English	1
History D	American	1
Latin A	Grammar and Composition	1
Latin B	Caesar, four books and Composition	1
Latin C	Cicero, four orations and Composition	1
Latin D	Virgil, four books and Composition	1
Greek A	Grammar and Composition	1
Greek B	Xenophon, four books	1
German A	Grammar and Composition	1
German B	Reading and Exercises	1
French A	Grammar and Composition	1
French B	Reading and Exercises	1

Science A	Physical Geography	½ or 1
Science B	Chemistry	1
Science C	Physics	1
Science D	Physiology	½
Science E	Botany	½ or 1
Science F	General Science	½ or 1
Civics	Civil Government	½
Biblical Literature		1

Applicants for admission who desire entrance credit for such vocational subjects as Agriculture, Home Economics, Bookkeeping, Commercial Geography, Commercial Arithmetic, Stenography and Typewriting, Mechanical Drawing and Manual Training, will receive such credit only after a special investigation has been made. A complete record of the work done must be submitted and passed upon by the committee on credentials. Not more than one unit for one subject or two units altogether will be given for subjects in this list.

One unit in Biblical Literature is accepted from high schools or from Sunday schools which comply with the standards set by the Council of Church Boards of Education.

Specifications Regarding Entrance Units

Civics

Civics One-half Unit

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

English

English A—Grammar and Analysis One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition. Abundant practice in composition, with readings from masterpieces of American Literature.

English C—Reading and Literature One Unit

REQUIRED FOR STUDY

One selection from each of the following groups:

GROUP I.—DRAMA.

Julius Caesar; Macbeth; Hamlet.

GROUP II.—POETRY.

Milton's *L'Allegro, Il Penseroso,* and either *Comus* or *Lycidas;* Tennyson's *The Coming of Arthur, The Holy Grail,* and *The Passing of Arthur;* the selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III.—ORATORY.

Burke's speech on *Conciliation with America;* Macaulay's speech on *Copyright,* and Lincoln's Speech at Cooper Union; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration.*

GROUP IV. ESSAYS.

Carlyle's essay on *Burns,* with a selection from Burns' Poems; Macaulay's life of *Johnson;* Emerson's essay on *Manners.*

REQUIRED FOR READING

Two from each of the following groups:

GROUP I.—CLASSICS IN TRANSLATION.

The Old Testament, comprising at least the chief narrative episodes in *Genesis, Exodus, Joshua, Judges, Samuel, Kings,* and *Daniel,* together with the books of *Ruth* and *Esther;* Homer's *Odyssey,* with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's *Iliad,* with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Æneid.* The *Odyssey, Iliad,* and *Æneid* should be read in English translations of recognized literary excellence. For any selection from this group a selection from any other group may be substituted.

GROUP II.—SHAKESPEARE.

Shakespeare's *Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Caesar; Macbeth; Hamlet.*

N. B.—The last three only if not chosen for study.

GROUP III.—PROSE FICTION.

Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress,* Part I; Swift's *Gulliver's Travels* (*Voyages to Lilliput* and *to Brobdingnag*); Defoe's *Robinson Crusoe,* Part I; Goldsmith's *Vicar of Wakefield;* Frances Burney's *Evelina;* Scott's Novels, any one; Jane Austen's Novels, any one; either Maria Edgeworth's *Castle Rackrent* or *The Absentee;* Dickens' Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell's *Cranford;* either Kingsley's *Westward Ho!* or *Hereward the Wake;* Read's *The Cloister and the Hearth;* Blackmore's *Lorna Doone;* Hughes's *Tom Brown's School Days;* either Stevenson's *Treasure Island,* or *Kidnapped* or *The Master of Ballantrae;* Cooper's Novels, any one; Poe's *Selected Tales;* either Hawthorne's *The House of Seven Gables,* or *Twice Told Tales,* or *Mosses from an Old Manse;* a collection of short stories by various standard writers.

GROUP IV.—ESSAYS, BIOGRAPHY, ETC.

Either the Sir Roger de Coverley Papers or Selections from the *Tatler* and the *Spectator* (about 200 pages); Selections from Boswell's *The Life of Johnson* (about 200 pages); Franklin's *Autobiography;* either Selections from Irving's *The Sketch Book* (about 200 pages), or *The Life of Goldsmith;* Southey's *Life of Nelson;* Selections from Lamb's *The Essays of Elia* (about 100 pages); Selections from Lockhart's *The Life of Scott* (about 200 pages); Thackeray's Lectures on Swift, Addison, and Steele in *The English Humorists;* Macaulay, one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great* or *Madame d'Arblay;* Selections from Trevelyan's *Life of Macaulay* (about 200 pages); either Ruskin's *Sesame and Lilies* or Selections (about 150 pages); Dana's *Two Years Before the Mast;* Lincoln's Speeches, including at least the two *Inaugurals,* the *Speeches in Independence Hall* and at *Gettysburg,* the *Last Public Address,* and *Letter to Horace Greeley,* together with a brief memoir or estimate of Lincoln; Parkman's *The Oregon Trail;* Thoreau's *Walden;* Lowell's Selected Essays (about 150 pages); Holmes's *The Auto-*

crat of the Breakfast Table; Stevenson's *Inland Voyage* and *Travels with a Donkey;* Huxley's *Autobiography* and selections from *Lay Sermons,* including the addresses on *Improving Natural Knowledge, A Liberal Education,* and *A Piece of Chalk;* a collection of essays by Bacon, Lamb, DeQuincy, Hazlitt, Emerson and later writers; a collection of letters by various standard writers.

GROUP V.—POETRY.

Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study); Goldsmith's *The Traveler* and *The Deserted Village;* Pope's *The Rape of the Lock;* a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens,* and a selection from later ballads; Coleridge's *The Rime of the Ancient Mariner, Christobel,* and *Kubla Kahn;* Byron's *Childe Harold,* Canto III or IV, *The Prisoner of Chillon;* Scott's *The Lady of the Lake* or *Marmion;* Macaulay's *Lays of Ancient Rome, The Battle of Naseby, The Armada,* and *Ivry;* Tennyson's *The Princess* or *Gareth and Lynette, Lancelot and Elaine,* and *The Passing of Arthur;* Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—,"* and *Instans Tyrannus;* Arnold's *Sohrab and Rustum,* and *The Forsaken Merman;* selections from *American* poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

French

French A—Grammar and Composition One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

French B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

German

German A—Grammar and Composition ...One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

Greek

Greek A—Grammar and Composition One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon One Unit

Four books of Xenophon's Anabasis, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

History

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

History A—Ancient One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

History B—Mediaeval and Modern One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

History C—English One Unit

The political and social history of England from the period of the Roman occupation to the present day.

History D—American One Unit

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the Revolution and the adoption of the Constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and Reconstruction, and the recent development of the nation.

Latin

Latin A—Grammar and Composition One Unit

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

Latin B—Cæsar One Unit

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

Latin C—Cicero One Unit

Cicero's Orations against Catiline; continued practice in prose composition.

Latin D—Virgil One Unit

Four books of Virgil's Æneid, forms and construction of poetry, hexameter verse, continued practice in prose composition.

Mathematics

Mathematics A and B—Algebra
One and One-half or Two Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

Mathematics C—Plane Geometry One Unit

Five books and numerous original exercises taken from other sources.

Mathematics D—Solid Geometry One-half Unit

With original exercises and problems.

Science

Science A—Physical Geography, One-half or One Unit

The knowledge obtainable from a standard school text-book on this subject, field work.

Science B—Chemistry One Unit

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.

Science C—Physics One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

Science D—Physiology One-half Unit

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

Science E—Botany One-half or One Unit

Any standard school text-book, recitations and laboratory or field work in general botany.

Science F—General Science ... One-half or One Unit

Any standard school text-book, recitations and laboratory work.

Admission to Advanced Standing

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

Special Students

Persons of mature age, who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

Regulations Regarding Re-examinations

Opportunities for the removal of First Term conditions will be given in March and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to remove a condition, shall repeat the course, the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

Grading of Students

A student's standing is determined by daily recitations, hour examinations and final examinations. Reports are issued quarterly. At mid-year and at the end of the year the report covers the work for the whole of the previous term. The grades attained are indicated by the letters A, B, C, D, and E. A indicates a grade from 91 to 100; B from 81 to 90; C from 70 to 80; D from 50 to 70; and E below 50. The numerical grades do not appear on the reports. A D grade for the term's work indicates a failure, with the privilege of passing the course by re-examination. An E grade for the term indicates that the course must be repeated.

All serious breaches of discipline, including all unexcused absences from classes, will be recorded on the reports.

Changing Classification

No student shall be allowed to changed his classification without the consent of the Dean and the heads of the departments concerned. Only under very exceptional circumstances will such changes be allowed later than two weeks after matriculation.

COURSE OF STUDY

The course of study includes both required and elective subjects, so combined that the student may specialize in one field and at the same time acquire that general culture and breadth of knowledge which comes from a variety of studies.

The courses are valued by the term hour which equals one recitation hour a week for a term (half year). To obtain a degree a student will be required to complete a minimum of 126 term hours.

The following outline will indicate what subjects are required and what are elective:

Curriculum

FRESHMAN YEAR

English Ia and Ib 4 hours each term
Mathematics Ia, Ib and Ic 5 hours each term
Select two of the following, of which one must be a language, and the other a language, a science or a history:
Latin I and II 4 hours each term
German A or I 4 hours each term
French A or I 4 hours each term
Greek I 4 hours each term
Chemistry I 4 hours each term

SOPHOMORE YEAR

English II 2 hours each term
History I or II 3 hours each term

Select twelve hours from the following, of which four must be in foreign language and four in science:

Latin III or IV	4 hours each term
German A or I	4 hours each term
French A or I	4 hours each term
Greek I or II	4 hours each term
Chemistry I or II	4 hours each term
Physics I	4 hours each term
Biology I	4 hours each term
Mathematics II	4 hours each term
Cookery I	3 hours each term
Housework	1 hour each term

JUNIOR YEAR

Biblical Literature	4 hours each term
Biology I	4 hours each term
Electives	8 hours each term

SENIOR YEAR

Psychology	3 hours first term
Logic	2 hours second term
Electives	13 hours first term 14 hours second term

Rules Governing Electives

In choosing electives the student must take at least three years' work in one subject known as the major subject. For the major subject the student has seven choices, each one corresponding to one of the groups outlined below. When a group is selected its requirements as outlined must be rigidly adhered to. It is better to choose a group upon entrance to the Sophomore year. This choice cannot be postponed later than entrance to the Junior year.

The program of recitations will conform to the groups and conflicts will be avoided if the student elects each study in that particular year of the college course when the outline indicates it should be taken.

Either Chemistry I or Physics I must be chosen during the Freshman and Sophomore years for the A. B. degree and both must be chosen for the B. S. degree in groups BI and BII.

For the A. B. degree a student must elect two years of either French or German and for the B. S. degree in Groups BI, BII and BIII he must have had Course A or an equivalent in both languages and Course I in either of the languages. For the B. S. degree in Group BIV the student must elect two years of a modern language.

Degrees

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, BIII, or BIV.

Group AI—Ancient Classical

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
Livy	4	Tacitus	4
Greek	4	Greek	4

SOPHOMORE

English II	2	English II	2
History	3	History	3
Latin	4	Latin	4
Greek	4	Greek	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4

JUNIOR

Ancient Language	4	Ancient Language	4
Biology I	4	Biology I	4
German or French	4	German or French	4
Biblical Literature	4	Biblical Literature	4

SENIOR

Psychology	3	Logic	2
Ancient Language	3	Ancient Language	3
German or French	4	German or French	4
Electives	6	Electives	7

Group AII—English Classical

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
Livy	4	Tacitus	4
German or French	4	German or French	4

SOPHOMORE

English II	2	English II	2
History	3	History	3
German or French	4	German or French	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4
Latin	4	Latin	4

JUNIOR

English	3	English	3
Biblical Literature	4	Bibical Literature	4
Biology I	4	Biology I	4
Electives	5	Electives	5

SENIOR

Psychology	3	Logic	2
English	3	English	3
Electives	10	Electives	11

Group AIII—Political Science

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
French or German	4	French or German	4
Livy	4	Tacitus	4

SOPHOMORE

English II	2	English II	2
History II or III	3	History II or III	3
German or French	4	German or French	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4
Electives	4	Electives	4

JUNIOR

History IIIa or II	3	History IIIb or II	3
American Government	2	American Government	2
Biology I	4	Biology I	4
Biblical Literature	4	Biblical Literature	4
Electives	3	Electives	3

SENIOR

Economics	3	Economics	3
Psychology	3	Logic	2
Political Science IIa	3	Political Science IIb	3
English	3	English	3
Electives	4	Electives	5

Group AIV—Bible and Religion

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
Ancient Language	4	Ancient Language	4
Hebrew Prophets IIa	4	Life of Christ IIIb	4

SOPHOMORE

English IIa	2	English IIb	2
History	3	History	3
Ancient Language	4	Ancient Language	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4
Apostolic Church IVa	3	Church History V	3

JUNIOR

Biblical Literature	4	Biblical Literature	4
Modern Language	4	Modern Language	4
Biology Ia	4	Biology Ib	4
Electives	4	Electives	4

SENIOR

Psychology	3	Logic	2
Modern Language	4	Modern Language	4
Electives	9	Electives	9

Group BI—Chemistry

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
German or French	4	German or French	4
Chemistry I	4	Chemistry I	4

SOPHOMORE

English II	2	English II	2
Elective	3	Chemistry III	3
German or French	4	German or French	4
Chemistry II	4	Chemistry II	4
Physics I	4	Physics I	4

JUNIOR

Chemistry V	4	Chemistry V	4
Biology I	4	Biology I	4
History	3	History	3
Mathematics II or Elective	4	Mathematics II or Elective	4

SENIOR

Psychology	3	Logic	2
Biblical Literature	4	Biblical Literature	4
Chemistry IV	4	Chemistry IV	4
* Electives	5	*Electives	5

Group BII—Mathematics and Physics

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
German or French	4	German or French	4
Chemistry I	4	Chemistry I	4

SOPHOMORE

English II	2	English II	2
History	3	History	3
German or French	4	German or French	4
Mathematics II	4	Mathematics II	4
Physics I	4	Physics I	4

JUNIOR

Mathematics III	4	Mathematics III	4
Biblical Literature	4	Biblical Literature	4
*Electives	8	* Electives	8

SENIOR

Mathematics IV or Physics	3	Mathematics IV or Physics	3
Psychology	3	Logic	2
Biology I	4	Biology I	4
Electives	6	Electives	7

* See modern language requirement, page 40.

Group BIII—Biology

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
German or French	4	German or French	4
Chemistry I	4	Chemistry I	4

SOPHOMORE

English II	2	English II	2
History	3	History	3
German or French	4	German or French	4
Biology I	4	Biology I	4
* Electives	4	* Electives	4

JUNIOR

Biology	4 or 5	Biology	4 or 5
Organic Chemistry	3	Organic Chemistry	3
Biblical Literature	4	Biblical Literature	4
Electives	5 or 6	Electives	5 or 6

SENIOR

Biology	4 or 5	Biology	4 or 5
Psychology	3	Logic	2
Electives	8 or 9	Electives	9 or 10

Group BIV—Home Economics

FRESHMAN

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib and Ic	5
Chemistry I	4	Chemistry I	4
German, French or Latin	4	German, French or Latin	4

SOPHOMORE

English II	2	English II	2
History	3	History	3
German, French or Latin	4	German, French or Latin	4
Foods and Cookery	2	Foods and Cookery	2
Home Problems	2	Home Problems	2
Chemistry VI	4	Biology VII	3

JUNIOR

Biology I	4	Biology I	4
Biblical Literature	4	Biblical Literature	4
Clothing and Textiles	2	Clothing and Textiles	2
Art Appreciation	2	House Planning	2
* Electives	4	* Electives	4

SENIOR

Psychology	3	Logic	2
Dietetics	2	Methods in Home Economics	2
Dressmaking	2	Dressmaking and Millinery	2
Sociology	3	Electives	10
Electives	6		

* See modern language requirement, page 40.

Departments of Instruction

Biblical Literature

I*ab*. Credit hours 8.

Biblical Literature.—The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetical writings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

II*a*. Credit hours 4.

The Hebrew Prophets.—This course is designed to give the student an introduction to the personalities, methods and accomplishments of the Hebrew prophets. Commencing with the Book of Judges, the development of Monotheism and Judaism is traced until the Restoration. The prophet is shown to be a man of his own age as well as a man of God. The historical situation is determined when possible and the permanent spiritual message is examined. Textbook, lectures and reports. Four hours a week. First half year.

III*b*. Credit hours 4.

Life of Christ.—A reverent, scholarly examination of the Life of Lives. Burton and Stevens' Harmony of the Gospels is used. Open to all students of college standing. Four hours a week. Second half year.

IV*a*. Credit hours 3.

THE APOSTOLIC CHURCH.—In this course a study is made of the Acts and Epistles. The development of Christian thought is traced from the time of Pentecost to the end of Paul's missionary labors. Lectures, assigned readings, and reports. The class is conducted on the seminar method. First half year. Not offered 1920-1921.

V*b*. Credit hours 3.

THE HISTORY OF THE CHRISTIAN CHURCH.—This course takes up in turn the epochs of the Christian Church from the close of the Apostolic period down to the end of the seventeenth century. Various historic interpretations of Christianity are studied in detail, including particularly the Greek, Latin, Lutheran and Quaker conceptions. Lectures, assigned readings and reports. Seminar method. Second half year. Not offered 1920-1921.

GREEK NEW TESTAMENT.—This course is given to second and third year Greek students as part of the regular courses in Greek. Translation and explanation of the Greek text of selected readings from the New Testament. Four hours per week. Second half year.

Religious Training

Other courses in religious instruction will be announced in a special bulletin. They will consist of training for Bible school workers, community and missionary work. The purpose will be to train peo-

ple for religious service and usefulness in their home neighborhoods.

Biology

The department of Biology, with which has been incorporated the Museum of Natural History, occupies a well lighted room on the first floor of Memorial Hall and shares with the department of Chemistry a large lecture room in the same building. This lecture room is provided with a projection lantern and demonstration equipment. The laboratory, 30 x 60 feet, is well equipped for all the courses offered. The working tables provide for twenty students at one time, each student furnished with locker facilities, abundant working room, and proper light for microscopic work and dissection.

The equipment consists of simple and compound microscopes, materials and apparatus for both elementary and advanced work in histology, anatomy, cytology and embryology; of collecting apparatus and small aquaria and of a large teaching collection of biological specimens. This collection embraces a wide series of geological specimens, minerals, formations and fossils; an excellent collection of mounted bird skins and smaller collections of mammals, reptiles, amphibians, and invertebrates, besides a number of anatomical preparations and a large series of prepared microscopic slides of plant and animal tissues.

I*ab*. Credit hours 8.

GENERAL BIOLOGY consists of a study of the general facts, processes and laws that govern the ex-

istence of living things. Both plants and animals will be studied. Their structure will be observed, their life-history worked out and the life-processes learned. One finds in this course those fundamental facts which make it possible to understand one's own body. The principles of organization and cooperation are also discussed. Two lectures and two laboratory periods a week throughout the year.

II*ab*. Credit hours 8.

COMPARATIVE ANATOMY OF THE VERTEBRATES AND GENERAL EMBRYOLOGY.—In this course the structure of the different types of vertebrate animals is studied and the principles of evolution discussed. In the spring the development of a vertebrate animal from the egg to adult form is followed, the chick being used as the chief example for observation. Two lectures and two laboratory periods a week throughout the year.

III*ab*. Credit hours 6.

ADVANCED BIOLOGY.—Courses in morphology or physiology of plants or in cytology, histology and heredity or in bacteriology will be offered according to the wishes of students who are prepared to take them. Three hours a week throughout the year.

IV*ab*. Credit hours 4.

HEREDITY AND EVOLUTION.—Lectures and assigned readings on the subject of inheritance and the question of improving a race. This leads into the consideration of the evolutionary theory. Two lectures a

week throughout the year. Open to Juniors and Seniors or to those who have had General Biology.

VII*b*. Credit hours 3.

CONQUEST OF DISEASE WITH LABORATORY WORK IN BACTERIOLOGY.—A study of some of the common prevalent diseases, with special emphasis upon prophylaxis, anaphylaxis and preventative medicine. A study of some of the more common non-pathogenic bacteria, which are illustrative of the various types, is taken up in the laboratory. The process of fermentation, sterilization and the various industrial applications of bacteria and bacterial products are taken up both in laboratory and class. Three lectures or six hours of work in the laboratory are required. Second half year.

Chemistry

The Chemistry Department is located in two large rooms and a smaller advanced laboratory in Memorial Hall, the whole furnishing satisfactory laboratory facilities for fifty students. The laboratories are supplied with water, gas, light, electricity and compressed air. Up-to-date apparatus has recently been increased materially, and all necessary requirements for accurate and efficient analyses are at hand. An exhibit of various commercial chemical products and raw materials has been started and will be enlarged. Recent chemical journals and a chemical library of over 150 volumes give a valuable working reference library. The full amount of chemistry necessary for pursuing

a medical course or entering industrial chemistry is offered.

I*ab*. Credit hours 8.

GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds. The laboratory work takes up the preparation and study of the properties of the common elements and their compounds. Required Freshman year of all students electing the Chemistry, Physics and Mathematics, Biology and Home Economics Groups. No credit will be given for a half year's work in this course. Two lectures or recitations and two laboratory periods per week, the entire year.

Text.—McPherson and Henderson, A Course in General Chemistry.

II*ab*. Credit hours 8.

QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and three laboratory periods each week. Prerequisite, Chemistry I. All year for students electing the Chemistry Group.

Text. — Baskerville and Curtman, Qualitative Analysis.

III*b*. Credit hours 4.

QUANTITATIVE ANALYSIS.—A thorough study of the methods used in Gravimetric, Volumetric and Electro-Analysis and the analysis of substances by the above

methods. Lectures, laboratory and stoichiometric exercises. Two lectures and six hours laboratory each week. Prerequisites, Chemistry I and II. Second term.

Text.—Mahin, Quantitative Chemistry.

IV*ab*. Credit hours 8.

ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and one laboratory period of three actual hours per week. This course is required of all students in the Chemistry and Biology Groups and will be essential to students of medicine. All year.

Text.—Norris, Organic Chemistry.

V*ab*. Credit hours 8.

ADVANCED QUANTITATIVE CHEMISTRY.—This is a continuation of Course III, and consists of the analysis of minerals, oils, fuels, water, iron, steel and alloys and agricultural products. Laboratory and lectures. Throughout the year.

VI*a*. Credit hours 4.

CHEMISTRY OF FOOD AND NUTRITION.—This course comprises a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry I. Four hours. First half year.

Text.—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except Course IV, one laboratory period consists of two and one-half actual hours.

A breakage deposit of $3.00, which is included in the term fee, is required of all students in the Chemistry Department.

Education

Courses in this department are designed primarily as electives for Juniors and Seniors who are preparing for the profession of teaching; however, the courses are open to young men and women of maturity who, wishing to teach, may not be able to complete a college education, and for graduates of this college or any other who wish to avail themselves of professional teacher training.

I*a*. Credit hours 3.

HISTORY AND PRINCIPLES OF SECONDARY EDUCATION.—This course covers a brief general survey of the educational theories of the past in order to throw light on our present day principles and tendencies. It treats of the origin and development of our public school system and points out what society has demanded of the public school system and how these demands are found imbedded in present educational practice as well as how and to what extent the school reflects the life of the people for whom it exists. It concludes with a careful consideration of some of the applications of modern edu-

cational theory and practice. A scientific and at the same time practical study of the principles and technique of class instruction is attempted—*practical and tested applications are emphasized at all times.* The different lesson types, the art of questioning, the lesson assignment, lesson plan, teaching how to study, supervised study, motivation, problem-project method, measurement of teaching results, problems of school morale are gone into with considerable care and thoroughness. A careful study of North Carolina School Law is included in this term's work. Required for certification. First half year, Junior year.

II*b*. Credit hours 3.

SPECIAL METHODS OF TEACHING.—While this course is intended primarily for those who plan to make high school teaching a profession, its applications may be applied to elementary school work to advantage. It includes a preliminary study of the nature of high school pupils, the qualifications of the teachers and the practical problems and methods of teaching high school subjects. A typical subject, such as special methods in teaching English, is used as the basis of the work of this course, though other subjects are developed with sufficient detail to give the student an extensive background for the later needs of the class room. As indicated, this course is intended to be extremely practical and to furnish the young teacher with many of the details of class instruction without which years of experience would be necessary to work out for himself. Second half year, Junior year.

III*a*. Credit hours 4.

ADOLESCENT PSYCHOLOGY.—The prime aim of this course is to acquaint the student with adolescent child nature and capacities. As a background for this study a general survey of earlier child nature and capacities is taken up at the beginning of the course. This is followed by a more detailed consideration of original tendencies, impulses, and mental characteristics of the adolescent period, laws of learning, individual differences in high school pupils, exceptional children, and such topics as concern the high school teaching problem. First half year, Senior year.

IV*b*. Credit hours 4.

SCHOOL ADMINISTRATION.—This course is designed primarily to meet the needs of those students who plan to become high school principals, supervisors and superintendents, though the principles upon which the work is based may be employed to advantage by students wishing to enter the field of elementary school administration. Problems of school finances, grading and promotion of pupils, retardation and its remedies, medical inspection, courses of study, vocational education, school programs, teachers' meetings, supervision, organization and systematizing school routine, elimination of waste, proper distribution of the teaching load, effective chapel exercises, high school student organizations, maintaining school morale, student government (to what extent practical and to what extent impractical) are some of the many topics discussed from the standpoint of actual experience in high school work. This course should

be extremely helpful to students wishing to immediately take up positions as high school principals or supervisors. Second half year, Senior year.

Note.—Six half term hours of practice work will be required of all students electing the full course in Education, the practice work to be distributed over the two years allotted to the course.

Text-books for the courses outlined above are yet to be selected.

Occasional theses and reports are required in all courses.

The courses offered in 1919-1920 were as follows:

EDUCATION I. Credit hours 4.

James' "Talks to Teachers", 1 hour; History of Education and School Discipline, 1 hour; Colvin's American High School, 2 hours. Fall term, Junior year.

EDUCATION II. Credit hours 4.

King's "High School Age", 1 hour; Education in Rural and Village Communities, 1 hour; School Hygiene, 1 hour; Davis' "Recitation", 1 hour. Spring term, Junior year.

EDUCATION III. Credit hours 3.

James' Psychology, 3 hours. Fall term, Senior year.

EDUCATION IV. Credit hours 4.

Hollister's "High School and Class Management", 2 hours; North Carolina School Law, 1 hour; Logic, Jevon's, 1 hour. Spring term, Senior year.

English

English I*a* and I*b* are required of all Freshmen; English II*a* and II*b* are required of all Sophomores. These two courses are prerequisite for all other courses in English.

Any student, although having completed the work usually required in English, must take more work suited to his needs, provided any department, supported by the Department of English, reports that student as habitually using poor English, either written or spoken.

I*ab*. Credit hours 8.

ENGLISH COMPOSITION COURSE.—The first quarter is devoted chiefly to eliminating elementary faults in the construction of sentences and of paragraphs. Correct expression is insisted upon as essential. The remaining work of the year consists in reading with analysis by outlining, and in theme writing. These courses place special emphasis on the writing of exposition, though some practice is given in the writing of descriptions and of short stories. All students are requested to secure Webster's Collegiate Dictionary by Merriam Company, provided they do not already have a satisfactory one. Four hours a week throughout the year.

II*ab*. Credit hours 4.

SOPHOMORE ENGLISH LITERATURE.—A historical outline of English Literature from Chaucer to Tennyson. The purpose of the course is to train the stu-

dent to read with rapidity and with intelligent appreciation. A comprehensive view of English literature as a preparation for the more detailed study in the elective courses of the Junior and Senior year is given. The chief authors read are Chaucer, Spenser, Marlowe, Shakespeare, Milton, Dryden, Pope, Defoe, Swift, Gray, Wordsworth, Coleridge, Keats, Byron, Shelley, and Tennyson. Prerequisite, English I*a* and *b*. Two hours throughout the year.

III*b*. Credit hours 3.

ELIZABETHAN DRAMA.—The history of the drama to the Elizabethan period. A brief study of the playwrights preceding Shakespeare and analyses of Shakespeare's leading plays are given. Prerequisite English II*a* and *b*. Second half year.

IV*a*. Credit hours 3.

NINETEENTH CENTURY POETRY. — Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Landor, Rosetti, Tennyson and Browning. Prerequisite, English II*a* and *b*. First half year.

V*a*. Credit hours 3.

NINETEENTH CENTURY PROSE.—Carlyle, Ruskin, Morris, Arnold, Pater and Landor are the chief writers studied. Prerequisite, English II*a* and *b*. First half year (not offered in 1920-1921).

VI*b*. Credit hours 3.

THE ENGLISH NOVEL.—Jane Austen, Thackeray, Dickens, George Eliot, Meredith, Reade, Stevenson

and Hardy. Second half year. Prerequisite, English II*a* and *b*.

VII*b*. Credit hours 3.

ADVANCED COURSE IN GENERAL WRITING.—The work is mainly expository, including a study of critical and familiar essays, but students may take a part of their time for the practice of any forms in which they are interested. Second half year. Prerequisite, English II*a* and *b*.

VIII*a*. Credit hours 3.

AMERICAN LITERATURE.—A survey of the colonial period and a study of representative works of Irving, Cooper, Bryant, Poe, Hawthorne, Emerson, Lowell, Holmes, Whitman, Longfellow, and Whittier. First half year. Prerequisite, English II*a* and *b*.

IX*a*. Credit hours 2.

DEBATES.—The purpose of this course is to give training in the theory and practice of debating. Special attention is given to the making of briefs. Current social, political and economic questions are debated in class. Text-book and class debates. Class limited to sixteen students. Open to all college students. First half year. Elective only.

French

The purpose of this department is to give the student the ability to read, write and speak French with ease and accuracy and through a study of the literature to give not only the knowledge of some of the

world's greatest masterpieces, but also an understanding of the character of the French people, very essential in this age with its ideals of world fellowship.

The courses are planned so that a student with no previous knowledge of French may qualify for Course A. A one year college course or a two years high school course is the prerequisite for French I.

A*ab*. Credit hours 8.

Course for beginners. Pronunciation, conversation, fundamentals of grammar, oral and written exercises. Reading of simple French prose, La Notation Phonétique Internationale and Dictation.

Texts.—Bercy, "Le Français Pratique." Reading selected from: Talbot, "Le Français et sa Patrie"; Marot, "Sans Famille"; Daudet, "Le Petit Chose"; Labiche and Martin, "Le Voyage de M. Perrichon"; Fraser and Squair's "French Grammar," Part I.

I*ab*. Credit hours 8.

Prerequisite, Course A. Careful study of Grammar. Oral and written reproduction of selected passages of texts read. Reading of prose and poetry.

Texts.—Bruce, "Grammaire Française." Reading from: Lamertine, "Jeanne d'Arc"; Hugo, "La Chute"; Pailleron, "Le Monde où l'on s'ennuie"; Buffum, "French Short Stories"; Fraser and Squair's "Grammar," Part II.

II*ab*. Credit hours 4.

Prerequisite, Course I. Phonetics, conversation, reading and writing French.

Texts.—Talbot, "French Composition." Such books as Hugo's "Hernani," Maeterlinck's "Oiseau

Bleu," Halévy's "L'Abbé Constantin," are reproduced and discussed in French. Reports on current events and short dialogues containing the familiar phrases of daily use are given.

III*ab*. Credit hours 6.

Prerequisite, Course I. A study of French literature, with special emphasis upon the seventeenth and nineteenth centuries. Lectures conducted in French. Frequent class conferences. Reports (in French). Reading selected from such authors as Corneille, Molière, Michelet, Hugo, Gautier, Alfred de Musset, Alfred de Vigny, Balsac, Mérimée, Maupassant, Anatole France, Rostand and Maeterlinck.

IV*ab*. Credit hours 4.

Prerequisite, Course II. A detailed study of Hugo during the first half year; of Maeterlinck and Rostand during the second.

Geology

I*ab*. Credit hours 6.

The principles of general Geology. Three hours per week throughout two semesters. The work of the first semester deals with structural geology and earth processes, that of the second with historical geology and the study of fossil remains. Throughout the course the dynamic viewpoint of geology will be emphasized. Two lecture periods and one laboratory, field or museum period per week.

Text.—Chamberlain and Salisbury, A College Text-book of Geology.

German

Students wishing to qualify for German I must offer two units of entrance work in the language or a certificate of one year's work in a college.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

Texts.—Joynes and Wesselhoeft German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee; Hillern, Höher als die Kirche; or equivalents. Second semester a simple prose text. Four hours a week.

Course I.—Prerequisite, Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

Texts.—Wilkommen in Deutschland; Im Vaterland; Goethe, Hermann und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug or equivalents. Four hours a week.

Course II.—Prerequisite, Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

Texts.—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

Course III.—An advanced course in German literature open to those who have completed Course II.

Greek

I*ab*. Credit hours 8.

The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II*ab*. Credit hours 6.

In the second year, the third book of the Anabasis and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III*ab*. Credit hours 6.

During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

History

I*ab*. Credit hours 6.

MEDIÆVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year.

II*ab*. Credit hours 6.

ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as a requirement of Sophomores. Not offered 1920-1921.

III*ab*. Credit hours 6.

AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. The social, political and economic development of the United States from the Colonial Period through the expansion of America into a World Power will be studied. Text-books will form the basis of the course, but broad readings, reports, lectures and discussions will form the major part of the work. Three hours a week throughout the year. Required in the Political Science Group; elective in Junior or Senior year in all other groups.

IV*b*. Credit hours 3.

AMERICAN DIPLOMACY.—A comprehensive study of American diplomacy and foreign relations. American relations with the European powers, Latin-American diplomacy, and American diplomacy in the

Orient will be studied. Text-book, lectures and collateral readings. Elective in Junior or Senior year in all other groups. History III*ab* prerequisite. Two hours a week. Second half year. Not offered in 1920-1921.

V*a*. Credit hours 3.

THE PRESENT WORLD SITUATION and the immediate events leading up to it are studied. This is an informal course for advanced students and is conducted on the seminar plan. First half year. Not offered 1920-1921.

Home Economics

The courses in Home Economics are designed to give the students practical scientific training in the most efficient and modern methods of meeting problems which confront women in the home or to equip them for teaching the subject. Courses in related sciences are given in connection with the work of this department which will enable the student to become sufficiently trained in technical subjects to teach, to engage in community work, or to act as matron or housekeeper in a public or private institution. Among these courses are Chemistry VI, a course in food chemistry; and Biology VII, which deals with the physiology of the digestive system, bacteriology and sanitation.

These courses as well as a course in general chemistry are required of all students specializing in Home Economics.

The laboratory occupies a large, well lighted room in Memorial Hall. It is equipped with wood and oil stoves with facilities for gas. Each student is furnished with equipment for individual work, including a desk with pastry board and drawer containing all necessary articles needed in the preparation and cooking of food. A refrigerator, a full outfit of enameled utensils, a collection of exhibits and food charts, and a complete set of silver, china and table linen are included in the equipment.

Connected with the laboratory is a dining room where experience in practical table service is gained.

I*ab*. Credit hours 4.

FOODS AND COOKERY.—This course includes a general survey of the principles of cookery. The Five Food Principles are studied in detail, and practice is given in the cooking of those foods which serve best as illustrations. The course includes, also, a study of the history of foods, their growth and manufacture. The class prepares and serves two meals. Four hours laboratory per week throughout the year. Sophomore year.

II*ab*. Credit hours 4.

HOME PROBLEMS.—This course includes instruction in the various problems relating to the home. It deals particularly with the following: Selection of site for the house; care of the house, with special reference to plumbing, heating, lighting and ventilation; house cleaning and destruction of household pests; emergencies that may arise in the home; first

aid methods; and the causes and prevention of contagious diseases. Two recitations per week, throughout the year. Sophomore year.

III*ab*. Credit hours 4.

CLOTHING AND TEXTILES.—In this course instruction is given in hand and machine sewing; knitting, darning and patching. A study of textiles gives primitive forms of textile industries; their later development; characteristics of cotton, linen, woolen and silk fibers. These facts are applied to purchasing of fabrics; to laundering of fabrics. Four hours laboratory per week throughout the year. Junior year.

IV*a*. Credit hours 2.

ART APPRECIATION.—This course includes a general survey of the fields of architecture, sculpture and painting from ancient to modern times. Study is made also of principles involved in city planning, landscape gardening and costume design. Two hours per week recitation. First half year, Junior year.

V*b*. Credit hours 2.

HOUSE PLANNING.—A study of the evolution of the house; making of plans for modern houses; convenience and use of individual rooms; finish of wood work and walls; principles of decoration. Two hours per week of recitations. Second half year, Junior year.

VI*a*. Credit hours 2.

DIETETICS.—This course includes a study of the

nutritive value of foods, with particular reference to the feeding of the individuals of different ages from childhood to old age. Dietaries for invalids and for those suffering from diseases requiring special feeding are planned and prepared. Four hours laboratory work per week. First half year, Senior year.

VII*ab*. Credit hours 4.

DRESSMAKING AND MILLINERY.—Drafting of patterns; use of commercial patterns; characteristics of various fabrics and their suitability for various types of clothing. Making of shirt waist, house and afternoon dress. Work in millinery includes making of frames for hats; covering frames; trimming; retrimming of old hats. Four hours laboratory work per week throughout the year. Senior year.

VIII*b*. Credit hours 2.

METHODS IN HOME ECONOMICS.—This course includes a study of applied Home Economics from two view points: (1) In the home. This deals with the correct apportionment of the family income; efficiency in management. Each Senior spends a certain length of time in practice housekeeping in the model cottage. (2) In the school. A study is made of the Home Economics movement; the development of the work and its introduction into our schools, colleges, and universities. Courses of study are planned for various types of schools. Each Senior is required to do practice teaching. Two hours recitation per week. Second half year, Senior year.

Latin

The purpose of this department is to familiarize the student first with Latin literature of the Augustan period and later with the Latin language as the vehicle of daily intercourse. Ease and accuracy in translations and a mastery of the general structure of the language are insisted upon. To accomplish this end, drills in idioms and inflections and practice in sight translations, oral and written, are frequent.

I*a*. Credit hours 3.

LIVY.—This course embraces two books of Livy. Rapid reading and sight reading in easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Three hours a week. First half year. Freshman.

II*b*. Credit hours 3.

TACITUS.—This course embraces the Germania and Agricola. The Germania is studied for its intrinsic value as history; the Agricola is studied as history and as a biography. The Agricola of Tacitus and the Poet Archias of Cicero are studied as masterpieces in Latin literature. Three hours a week. Second half year. Freshman.

III*ab*. Credit hours 2.

PROSE COMPOSITION.—Required in Freshman year of all persons in Groups AI and AII and of all persons electing Latin I and II. One hour a week. Throughout the year.

IV*a*. Credit hours 4.

SELECTIONS FROM VIRGIL.—This course embraces Georgics I and IV, and selections from the Æneid. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. First half year. Not offered 1920-1921.

V*a*. Credit hours 4.

SELECTIONS FROM OVID AND PROPERTIUS. — This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. First half year.

VI*b*. Credit hours 4.

HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Second half year.

VII*a*. Credit hours 4.

CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a

study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. First half year.

VIII*a*. Credit hours 3.

ROMAN COMEDY.—This course embraces the Captive and Trinumus of Plautus, the Phormio and Adelphoe of Terence, and is intended to give the student an idea of the fundamental qualities of Roman Comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Occasional lectures on Roman private life will be given. Three hours a week. First half year. Not offered 1920-1921.

IX*b*. Credit hours 3.

TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Second half year. Not offered 1920-1921.

Mathematics

I*a*. Credit hours 5.

COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes logarithms, progressions, undetermined coefficients, the binomial theorem for fractional and

negative exponents, permutations and combinations, and a brief introduction of the theory of equations. Required of all Freshmen. Five hours. First half year.

I*b*. Credit hours 3.

SOLID GEOMETRY.—Required of all Freshmen who do not present it for entrance. Three hours. Second half year.

Text.—Wentworth and Smith.

I*c*. Credit hours 2.

PLANE TRIGONOMETRY.—Derivation of formulae with their application; trigonometric equations; solution of right and oblique triangles; problems involving practical applications. Required of all Freshmen. Two hours. Second half year.

Text.—Wells' New Plane Trigonometry.

II*ab*. Credit hours 8.

ANALYTIC GEOMETRY.—Discussion and construction of loci; the straight line; circle; parabola, ellipse and hyperbola; polar coordinates; transformation of co-ordinates; tangents; also geometry of three dimensions, including the curve in space, the plane, and quadric surfaces. Required of all students electing Mathematics and Physics Group. Four hours throughout the year.

Text.—Smith and Gale's New Analytic Geometry.

III*ab*. Credit hours 8.

DIFFERENTIAL AND INTEGRAL CALCULUS.—Differentiation and integration of algebraic and transcen-

dental functions; areas, volumes, and surfaces; infinite series; maxima and minima; properties of curves and radius of curvature; numerous applications to geometry, physics, chemistry and engineering. Required of all students electing the Mathematics and Physics Group. Prerequisite, Mathematics II. Four hours throughout the year.

Text.—Granville.

IV*ab*. Credit hours 8.

DIFFERENTIAL EQUATIONS.—The solution of ordinary and partial differential equations of the first and higher orders. Geometrical, mechanical, and physical applications. Prerequisite, Mathematics III. Three hours throughout the year.

Text.—Murray's Differential Equations.

V*b*. Credit hours 3.

SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit, and level. Stadia and plane table work. The use of the solar attachment. Resurveys. Laying out and dividing land. Profile leveling and establishing grades. Computation of areas. Correct forms of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Prerequisite, Mathematics I*c*. Three hours. Second half year.

VI*a*. Credit hours 2.

DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of astronomy and offers an elementary

explanation of the methods by which the dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained.

A telescope, solar transit, students' spectrometer, and sextant enable the students to supplement their work with observations as required. Two hours. First half year.

Philosophy

I*a*. Credit hours 3.

PSYCHOLOGY.—A course in general Psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Required of all Seniors.

Text.—James' Psychology, Briefer Course.

II*a*. Credit hours 3.

HISTORY OF PHILOSOPHY.—This course begins with a study of Greek Philosophy with especial attention given to Plato and concludes with an outline of modern theories of idealism. Representative thinkers in each of the main systems of philosophy are reviewed, and application is made to present day problems.

The text-books used are: Weber, "History of Philosophy," and Royce, "The Spirit of Modern Philosophy." Lectures, discussions and a thesis. Senior or Junior years. Three hours. Not offered 1920-1921.

III*b*. Credit hours 3.

ETHICS.—In this course the trend of Christian ethics is considered historically, and an attempt is

made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with text-book and a theme on some phase of ethical study. Three hours. Junior or Senior years. Not offered 1920-1921.

IV*b*. Credit hours 2.

LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

Text.—Jevon's Lessons in Logic.

Physics

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall. One of these serves as a shop. Here also are a 6 H. P. kerosene engine, a 3 3-4 K. W. 110 volt D. C. generator, rotary air pump, pressure tanks, and a 14 volt 60 ampere-hour storage battery. The other room serves as a laboratory and lecture room. The lecture apparatus has been well selected to illustrate the most important phenomena of Physics. For accurate experimental work by the advanced student there are several excellent pieces of apparatus by Gaertner, a good assortment of Weston Meters, a Leeds and Northrup Potentiometer and other high grade instruments. The laboratories are piped for gas and wired for 110 volt A. C. and 110 volt D. C. and 14 volt storage current. The equipment of the wireless telegraph station has been much improved since the close of the

war and augmented by up-to-date receiving apparatus.

I*ab*. Credit hours 8.

GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisite, Plane Trigonometry. Three lectures and recitations and two two-hour laboratory periods each week throughout the year.

No credit will be given for less than a year's work.

Text.—Kimball, College Physics.

II*ab*. Credit hours 6.

ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites, Physics I or an equivalent and Plane Trigonometry. Three hours throughout the year—lectures, problems, recitations, laboratory.

Text.—Timbie, Elements of Electricity.

III*a*. Credit hours 3.

MOLECULAR PHYSICS AND HEAT.—This course is a study of molecular motions and forces with application to the phenomena of expansion, solution and evaporation, osmosis, refrigeration, capillarity and related topics. Prerequisite, Physics I. Lectures and recitations. First half year.

III*b*. Credit hours 3.

THEORETICAL MECHANICS.—During the first quarter the subject is developed historically. During the second quarter a more detailed study is made of problems in statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, Physics I. Lectures and recitations. Second half year.

IV*a*. Credit hours 3.

THEORY OF IONS AND ELECTRONS.—The dissociation theory in relation to primary cells and electrolysis, conduction of electricity through gases, radioactivity and X-rays. Prerequisite, Physics I. Lectures and recitations. First half year. Not offered 1920-1921.

IV*b*. Credit hours 3.

ELECTRIC WAVES.—Production and reception of damped and undamped waves with a special study of the three element vacuum tube. Prerequisite, Physics I. Lectures, recitations and laboratory. Second half year. Not offered 1920-1921.

Political Science and Economics

I*ab*. Credit hours 6.

ECONOMICS.—The purpose of this course is to give the fundamental principles underlying our industrial life. The course is based upon the study and discussion of a text-book supplemented by lectures and assigned readings on current economic problems. Juniors and Seniors. Three hours throughout the year.

II*a*. Credit hours 3.

POLITICAL SCIENCE.—The purpose of this course is to furnish an introduction to the study of the nature, origin, and evolution of the state, the more important political theories and the organization and operation of government.

Text-book, assigned readings and reports. Juniors and Seniors. First half year.

II*b*. Credit hours 3.

COMPARATIVE GOVERNMENT.—This course offers a comparative study of the constitutions and forms of government of the United States, England, Germany, France and Switzerland. Text-book and lectures. Juniors and Seniors. Second half year.

III*ab*. Credit hours 4.

AMERICAN GOVERNMENT.—The purpose of this course is two-fold; to prepare students for more advanced study of government and to make them more intelligent citizens. The course deals with the origin, structure and development of national, state and local governments in the United States. Sophomores, Juniors, Seniors. Two hours throughout the year.

For other courses see Department of History.

IV*a*. Credit hours 3.

SOCIOLOGY.—The purpose of this course is to furnish an introduction to the study of society. A study is made of the development of modern social institutions and attention is given to a consideration of social forces, social processes, policies and principles. Text-

book, assigned readings, lectures and reports. Juniors and Seniors. First half year. Omitted 1920-1921.

IV*b*. Credit hours 3.

RURAL PROBLEMS.—The purpose of this course is to give students an insight into the outstanding social and economic problems of country life and to put them in touch with the forces already working for rural betterment. The course is designed to be practical and so far as possible to deal with North Carolina conditions. Text-book, assigned readings, lectures and reports. Juniors and Seniors. Second half year. Omitted 1920-1921.

Music

It will be the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged which will tend to cultivate the taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

Diplomas are given to those who complete the courses.

Credit toward the bachelor's degree to the amount of not more than eight hours will be allowed for work in the intermediate and advanced grade in piano work and in the last two years of the course in voice. This credit will not be allowed except upon the recommendation of the instructor in charge.

Courses of Study

Candidates for the certificate in music must have completed preparatory work equivalent to a high school course.

COURSE I

Pianoforte,	German A or I,
Theory,	English I,
History of Music,	History I or II.

COURSE II

Voice Culture,
Pianoforte (through the intermediate grade),

Theory,	German A or I,
History of Music,	English I.

French A or I,

Pianoforte

Three grades: Elementary, Intermediate, Advanced.

Special attention will be given to hand positions, the proper use and control of finger, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

ELEMENTARY GRADE

Finger and wrist exercises, scales taught in contrary and parallel motion, canon form, grouping by accent or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Studies selected from: Kohler's Pianoforte Method, Kohler's Studies, Op. 50, Loeschhorn, Op. 65, Burgmuller, Czerny, etc.

Pieces by Gurlitt, Reinecke, Gaenschals, Streabbog and others.

Intermediate Grade

Technical exercises. Scales in double thirds and sixths.

Studies by Bertini, Heller, Op. 47 and 45, Czerny, Op. 299, Bach, Loeschhorn, Op. 66, Czerny's "Legato and Staccato," Sonatinas and easier Sonatas of Haydn, Mozart, Beethoven.

Mendelssohn's "Song Without Words."

Pieces by Handel, Jensen, Godard, Grieg, Raff, Henselt, Saint-Saens, Chopin, Schubert and others.

Advanced

Technical exercises. Scales in all forms, chords and arpeggios.

Studies of Cramer, Clementi's Gradus ad Parnassum, Bach's Well-Tempered Clavichord, Kullak's Octaves, Beethoven's Sonatas, Chopin's Etudes.

Pieces by Weber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concertos by Beethoven, Mendelssohn and others.

Vocal

The course covers a period of three years and comprises a thorough study of the correct principles of voice production and art of singing. Relaxation breathing, and tone placing, ease of tone production and refinement of tone are insisted upon. Simple exercises for the placing and development of the voice are used, such as parts of scales, scales, arpeggios, and selected vocalises. Special attention is given to dic-

tion in English, Italian, German and French, as well as to artistic interpretation.

For graduation from the Vocal Department, the student is required to take an examination in Piano, Theory, Harmony, and Musical History.

FIRST YEAR

Vocalises: F. Sieber, Op. 92-97 for corresponding voices; Concone, Op. 9, and similar studies.

Reportoire: Songs will be selected mainly from folk songs and classical reportoire. Small songs like the following may be given for examination at the end of the first year: Folk Songs; "The Blue Bells of Scotland"; "All Through the Night" (Welsh Air); "Drink to Me Only With Thine Eyes" (Old English); Mendelssohn, Op. 9, No. 5, "In Autumn"; Op. 8, No. 7, "May Song"; Op. 99, No. 3, "The Favorite Spot"; Weber's "Cradle Song."

SECOND YEAR

Technique: The technical work of the second year is the logical continuation of the first year's work. Ease of production, quality of tone, range and power are developed, bad habits are overcome, and correct ones acquired.

Vocalises: In addition to the material given in the first year, there should be added: "Salvatore Marchesi," Op. 15, twenty elementary and progressive vocalises; Concone, Op. 10, twenty-five lessons.

Repertoire: Songs like the following should be satisfactorily rendered at the examination: Mac-

Dowell's Op. 47, No. 1, "The Robin Sings in the Apple Tree"; Mendelssohn's Op. 71, No. 3, "To the Distant One"; Op. 47, No. 6, "By the Cradle"; Franz, Op. 5, No. 5, "Maid with Lips Like Roses Blooming"; Op. 9, No. 3, "Entreaty"; Schumann's Op. 127, No. 2, "Thy Lovely Face"; Op. 79, No. 14, "Ladybird."

To the repertoire of the second year should be added also the anthology of Italian song of the seventeenth and eighteenth centuries as bases of study in voice development and in old Italian style, which is the foundation of all singing schools.

THIRD YEAR

Technique: With normal development, the voices will differentiate more and more, and greater discrimination than in the preceding years will be found necessary in selecting exercises and songs for high, medium and low voices.

Vocalises: Bordogni, twenty-four easy vocalises; Parofka, Op. 81, Book 2.

Repertoire: Songs of the Romantic and Modern Schools as well as Classical Schools should be studied with great thoroughness and care, and songs from Handel, Schubert, Beethoven, Mendelssohn, Schumann, Franz, Brahms and modern songs by American, French and German composers are included in this year. Selections from standard oratorios and operas are also studied.

FINAL EXAMINATIONS

The quality of each voice should be good (considering the natural quality of each voice as the standard to go by). Throughout the range of each voice, scales must be sung in piano and in forte, up and down, without showing an abrupt change of quality in changing from one tone to another, nor showing any undue effort in ascending or descending. Throughout the range of the voice, the student should be able to hold each tone and to swell and diminish it at will. During second and third year, the student should be able to sing in good English, and also in Italian, German or French with good diction. Special attention will be given to articulation, pronunciation and interpretation.

PREPARATORY SCHOOL

In order to accommodate some of our patrons who are not in reach of good high schools we are carrying two years of preparatory work to prepare students for the Freshman Class.

Archdale Hall will accommodate forty-eight boys and will be in charge of a member of the faculty who will give special attention to life and studying of the boys who room there. No boys in preparatory grades and under twenty-one years of age will be admitted to Cox Hall.

The following courses are offered:

FIRST HALF YEAR		SECOND HALF YEAR	
English A	5	English A	5
English B	5	English B	5
English C	5	English C	5
Primary Latin	5	Primary Latin	5
Cæsar	5	Caesar	5
Cicero	5	Virgil	5
Algebra B	5	Algebra B	5
Plane Geometry	5	Plane Geometry	5
Ancient History	5	Ancient History	5
American History	4	American History	4
Biblical Literature	4	Biblical Literature	4
Science	4	Chemistry A	4

English

A*ab*. The review of English Grammar, together with the study of four English classics and the prin-

ciples governing punctuation and the structure of the paragraph, comprises the work of this course.

English A is required of all preparatory students who have had only one year of High School work in English.

Texts.—Kittredge and Farley, "Concise English Grammar"; Hanson's "Two Years' Course in English Composition," Part I; The Sketch Book, The Merchant of Venice, Kidnapped, and the Ancient Mariner.

B*ab.* English B consists of a study of the construction of the sentence and of the paragraph. Drill in the writing of easy Exposition, Description, and Narration is given. Five classics are read.

This course is required of all students who have had only two years of High School work, and is also required of all students presenting only one entrance credit in English.

Texts.—Hanson's "Two Years' Course in English Composition," Parts II and III, The Spectator Papers, Julius Caesar, A Collection of Short Stories, Idylls of the King, and Silas Marner.

C*ab.* English C completes the preparation for college work. Constant practice in the various forms of composition is given. Correct expression, grammatical accuracy, and the logical construction of long papers are the chief objects of the course. Five classics are read.

English C is required of all students who have had only three years of High School work and also of all

students who have presented only two units of entrance credit in English.

Texts.—Canby and Opdycke, "Elements of English Composition"; Burke's Reconciliation with America; Macbeth, Essay on Burns, Essay on Johnson, and Milton's Minor Poems.

Latin

Three years in Latin are given in the Preparatory School.

A*ab*. PRIMARY LATIN.—This is a five hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

B*ab*. CÆSAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books (I-IV). Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

C*a*. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at. Oratorical style, historical and biographical setting are considered.

C*b*. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. A

thorough drill in syntax is given. Poetic peculiarities and prosody are studied.

Mathematics

ALGEBRA B*ab*. Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

Text.—Wentworth and Smith.

PLANE GEOMETRY.—Prerequisite, Algebra B. Five books and numerous original exercises. Five hours throughout the year.

Text.—Wentworth and Smith.

History

A*ab*. ANCIENT HISTORY.—One year of History is required of all preparatory students. This is a course of Ancient History including Oriental, Greek and Roman. Five hours.

B*ab*. AMERICAN HISTORY.—A course in the history of the American nations is offered to students in the preparatory work. This may be used as an elective in making up the required number of entrance units. Four hours a week throughout the year.

Biblical Literature (Elementary)

A*ab*. A course designed to give preparatory students a comprehensive knowledge of the Holy

Scriptures. Thorough instruction will be given in the history, composition, purpose and contents of the Bible. Special attention will be given to the great personalities of the Bible, and throughout the course a sincere effort will be made to instruct the students in the fundamentals of the Christian faith. Certain choice passages of Scripture will be committed to memory. Lectures, discussions and reports. Required of all preparatory students. First semester, the Old Testament; second semester, the New Testament. Four hours a week.

Science

A*a*. The work in Science during the first half year will consist of general work in science with emphasis upon physics, physiology, physiography or biology according to the needs of the class and the work they have had before coming to Guilford.

A*b*. CHEMISTRY.—The second half of the year will be devoted to an elementary preparatory course in general chemistry. Recitations and laboratory work. This prepares students for the college work in Chemistry.

THE MUSEUM

The Cabinet of National History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandott Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archæological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

COLLEGE ORGANIZATIONS

Literary Societies

There are two literary societies for young men, the Henry Clay and the Websterian. They were organized in 1885 and have ever since exercised a strong and helpful influence on college affairs. These two societies occupied rooms in King Hall until that building was burned in 1908. In 1917 the societies moved into two large rooms on the second floor of the Y. M. C. A. building. These rooms have been handsomely furnished and are well equipped for every purpose, both social and literary.

The two societies for young women are the Zatasian and the Philomathean. These societies came into existence when the Philagorean Society was divided in 1908. The rooms occupied by these two societies are on the first floor of Founders Hall, and are beautifully and tastefully furnished.

The four societies meet every week on Friday night. Nearly every student in College belongs to one of them and all members are required to participate in the programs. Much valuable practice is gained in debate, oratory, declamation, extemporaneous speaking, the rendition of vocal and instrumental music, essay writing, and in the rules of parliamentary procedure. Each society conducts annually an oratorical contest.

During the year four formal inter-society receptions are given.

The Y. M. C. A. and Y. W. C. A.

The Young Men's and Young Women's Christian Associations of Guilford College were organized in 1889, and have a membership embracing practically the entire student body. Meetings are held every Thursday night and are addressed by students, members of the faculty, and speakers from outside the college. Joint meetings of the two associations are held Sunday mornings. The Y. M. C. A. meets in the assembly room on the lower floor of the Y. M. C. A. Building and the Y. W. C. A. has a room in Founders Hall especially devoted to its use. A number of outside activities are conducted by committees appointed from these organizations.

Bible classes are held Sunday morning which are led by upper classmen and in which a majority of the students are enrolled. Weekly mission study classes are also conducted. The Associations yearly send delegates to the interstate convention and to the Student Conferences at Blue Ridge.

Committees are appointed by the Associations to meet new students on their arrival and give them every possible assistance. The Associations publish each summer a handbook of information about the College which is especially useful to new students. The social affairs of the College are in the hands of committees appointed by the Associations which work in conjunction with the faculty social committee.

Around the Y. M. and the Y. W. C. A. the religious life of the College centers and from them radiates a Christian influence which penetrates every phase of college activity.

The College Chorus

The College Chorus is a mixed choir of fifty voices. The music studied is from the best composers. Each Monday evening at 6:30 the Chorus meets at Memorial Hall for music study. Twice a year an entire musical program is rendered. Director, Mr. White.

The Guilfordian Board

The Guilfordian Board edits and publishes "The Guilfordian," the college weekly. It consists of twelve members elected by the four literary societies. The editor-in-chief, the alumni editor, the business manager and the two faculty advisers are elected by the Board. The Board is provided with a comfortable office room in Founders Hall.

The Alumni Association

The Alumni Association is organized with the following officers: President, A. Wilson Hobbs; vice-president, A. A. Dixon; secretary, Alma T. Edwards; treasurer, E. J. Coltrane; registrar, Julia S. White.

The Alumni Association, through its committees, extends aid to the College in various ways. There are committees on Athletics, Campus, Literary Work, Christian Work, and Publicity. A loan fund has been created by the Association for assisting students.

Two meetings are held each year, one at commencement and the other in August. The Association publishes a bulletin in which reports of the year's proceedings can be found.

The Athletic Association

The Athletic Association has general oversight of the athletic interests of the College. Each student pays an athletic fee which makes him a member of the Association with full athletic privileges, along with the right to attend any athletic contests on the campus without further charge.

All intercollegiate athletics are under the general direction of the Athletic Director and the Faculty Committee on Athletics, working in conjunction with the Athletic Association, a student organization. The managers of the teams are elected by the Athletic Association. The Athletic Council, which decides all important questions relating to athletics and which makes the financial appropriations, is made up of the Faculty Committee on Athletics, the Athletic Director, the officers of the Athletic Association, and the managers of the teams. There is also an Alumni Committee on Athletics.

The major sports are: Track, football, basketball, baseball and tennis, and ample facilities are provided for each of these. All schedules of games must be submitted to the Faculty Committee on Athletics for approval before final arrangements are made.

Athletic contests are promoted for the benefit of bona fide students only, and only such are permitted to represent the College in any athletic contest.

No student shall become a member of any Guilford College team during the Fall Term who registers after October 1st, nor shall any student become a member of a team during the spring who registers after February 1st.

No student shall participate in any athletic contest who fails to pass at least eight hours of the work of the quarter previous to that in which the contest occurs.

No student shall be eligible for any athletic team who shall have been a member of any of the professional or league teams named in the classes A, B, C, and D in the publication of the National Baseball Commission.

PUBLICATIONS

The Guilford College Bulletin is issued by the College four times a year. Included under this are: The Catalogue, The Alumni Bulletin, the various announcements and reports. These bulletins will be sent free of charge to any one on request.

The Guilfordian is published weekly by a board of editors elected by the four literary societies. Its main function is that of a college newspaper, but it also contains considerable material of a purely literary character. Alumni, old students, and friends of the College find it a valuable means of keeping informed as to what is going on at the College. The subscription price is $1.00 per year. Address all subscriptions to the business manager.

The Quaker is published at irregular intervals of one to two years by the Senior Class. It serves as a class book and also as a complete record in the form of pictures, poems, and sketches of the various student activities of the College.

The Y. M. C. A. Year Book is published during the summer by the Y. M. C. A. It contains all the information about the College affairs useful to new men.

SCHOLARSHIPS, PRIZES AND HONORS

Scholarships

Haverford and Bryn Mawr Colleges each offer annually to Guilford College a scholarship. In selecting members of the Senior Class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account. No one will be considered eligible to these scholarships who has not been a student at Guilford College for at least two years.

Haverford

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of $300.00. The selection is made on the basis explained above.

Bryn Mawr

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of $400.00. The candidate is selected according to the statement above.

Bible Teachers' Training School Fellowship

The Bible Teachers' Training School, of New York City, offers a Fellowship in their School of Theology to be awarded each year upon recommendation of the faculty of Guilford College, to a member of the graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The Fellowship provides board, room and tuition and $50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

Marvin Hardin Scholarship

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the Spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

High School Scholarships

The Board of Trustees has established tuition scholarships in several high schools of the state. The appointee must be the student, qualified to enter the Freshman class, who has made the highest grades. The appointment is for one year. High schools desiring such scholarship to be placed with them should make application to the College. Only high schools whose standard of work is well established will be awarded such scholarships.

Prizes

Literary Society Prizes in Oratory

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award an orator's prize. This prize is awarded at an oratorical contest which is held by each society some time during the year.

Literary Society Prizes for Improvement

Each of the four literary societies awards an improvement prize. This prize is given to the new member making the most improvement during the year.

Declamation Prizes for High Schools

Each year there is held at the College a declamation contest for high school students. Each high school is entitled to send two contestants, a young man and a young woman. Two medals are awarded, one

to the successful young man and the other to the successful young woman.

These contests are conducted by the College literary societies in order to stimulate literary society work in the high schools.

Honors

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent in any subject, shall be entitled to "Honors."

Members of the Junior class who receive an average grade of 95 per cent in their major work and do not receive a grade below 90 per cent in any subject shall be entitled to "Special Honors."

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent, shall be entitled to "Highest Honors."

DISCIPLINE

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great care is taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student show little or no inclination to study, or if he fail to co-operate with the faculty in maintaining good order or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed or his parents requested to withdraw him.

Students not members of the Senior or Junior classes wishing to go to Greensboro or to any place at a distance from the College, must obtain permission from the proper authorities.

The reading of pernicious literature, hazing in any form, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, are considered grave offenses, and treated accordingly.

The effect of tobacco on the minds of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds. If any student persists in using it elsewhere, his standing thereby will be lowered and so entered upon his record.

During the Christmas and Easter vacations no meals will be served at the college and all rooms must be vacated.

EXPENSES

Charges per Half Year

Tuition	$32.50
*Registration	12.00
Tuition, for each term hour over and above 18	2.00
Laundry	9.00
Room rent, Cox Hall (College men)	$23.00 to 25.00
Room rent, Archdale Hall (Preparatory men)	16.00
Room rent, Founders Hall, second floor (Women)	22.50
Room rent, Founders Hall, third floor (Women)	16.00
Room rent, New Garden Hall (Women)	17.50
Board, Founders Hall (Men and women)	90.00
Board, New Garden Hall (Women), estimated	36.00
Deposit Fee (Men)	5.00
Deposit Fee (Women)	2.00

The deposit fee is required from all students. After all unnecessary damages are assessed the remainder is returned at the end of the year.

For students who take two lessons per week in music the cost of the music and one college course will be $80 per year, music and two college courses will be $95 per year, and music and three or four college courses will be $125 per year.

The registration fee of $12.00 is due at the beginning of each half year. The other charges for the half year are divided into two equal payments; one is due at the beginning and the other at the middle of the half year.

* This fee includes library, athletic and lecture fees as well as the expense of registration.

The board bill at New Garden Hall must be paid in advance monthly.

The College maintains a book store where all necessary books and stationery may be purchased for cash.

A graduation fee of $5.00 is charged at the close of the college course.

In case of illness requiring a physician, the student is charged for medical attention and nursing.

Students will be charged from the time of entering until the close of the term. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid for board will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

No reduction will be made at the opening of a term for less than a month's absence.

All communications relating to financial matters should be addressed to the Treasurer.

Laboratory Fees

The foregoing statements do not include certain laboratory fees which are due in the first payment of each half year.

Chemistry A or VI	$5.00
Other courses in Chemistry	7.50
Biology	4.00
Geology	2.00
Surveying	1.00
Physics	5.00

Cookery	5.00
Preparatory Science	3.00

Cost of Instruction in Music

Piano, two lessons per week, per half year	$30.00
Vocal lessons, two lessons per week, per half year	30.00
One lesson a week, in Piano	18.00
Use of Piano for practice, one period daily, per half year	5.00
Each additional period, per half year	3.00
Certificate for graduation in Music	4.00

New Garden Hall for Young Women

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the treasurer of the College $16.00 per term for room rent, and to the matron of New Garden Hall the actual cost of board in advance. By special arrangements provisions may be furnished at market prices. In this way the board will be furnished for about $8.00 per month for each girl. Girls in this hall may do their own laundry work. If this work is sent to the College laundry, the cost will be $18.00 per year.

Loan Funds

The College is in possession of several funds, the income from which is loaned deserving students. Students who use these funds sign a note which does not bear interest until date of leaving college. The signature of some other responsible person is required.

Three of these funds are: The Miles White Beneficial Society Loan Fund, The Philadelphia Fund, and the Richardson Fund, the combined income from which is about $1,200.00 annually. The College Loan Fund consists of the gradual accumulation from payments of former loans. A loan fund has also been created by the Alumni Association.

Ministerial Students

Students who are preparing for the ministry receive free tuition. Such students who ask for the remission of the tuition fee must sign a note which will be cancelled as soon as the signer is recognized or ordained as a minister of the gospel or appointed to a missionary field. Otherwise the note will be in full force and will draw interest.

Self-Help

Guilford offers many opportunities for self-help. It is the aim of the College that no one shall be turned away for lack of means. Many students at the College are now paying a large part of their expenses either by earning or by borrowing money. Some students secure positions as waiters or janitors, while others work on the campus or farm. The opportunity to devote all of one's time to study is, however, worth considerable financial sacrifice and students are not encouraged to do other work unless it is necessary.

Rooms

No extra charge is made for light and heat in the dormitories. All rooms are fitted up with electric lights.

The rooms are comfortably furnished with bed room furniture—single beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels, and napkins.

Any student may retain his room from one academic year to the next by giving due notice of his intention in writing before May 15th. Vacant rooms will be assigned in order of application.

Except a few single rooms in Founders, all are furnished for two students each.

A student may elect to occupy a double room alone. When this is possible, it will be allowed, but the charge will be one-half the regular room rent extra.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services and lectures.

Students after arranging for rooms and board are not allowed to change without the consent of the authorities.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room. Every student must make his bed and put his room in order before 10

o'clock each morning. All rooms will be inspected periodically. Any misappropriation or defacement of furniture or fixtures or any damage to the building will be charged to the occupants of the room where such damage occurs. This includes damage to the walls incurred by driving in tacks or nails. Pictures must be hung on the picture moulding provided for the purpose.

Tampering with the electric lights creates danger of fire, and is therefore forbidden. No student is allowed to use a lamp of higher candle power than 25-watt Mazda.

GENERAL INFORMATION

Students are met at the Guilford College station, on the railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station a moderate charge will be made to students, members of the faculty, or visitors.

On arriving at the College at the beginning of the term, young men should go to the governor's office in the center section of Cox Hall and make arrangements for occupying the room which has been assigned to them. Young women should see either the governess at Founders Hall or the matron at New Garden. Students should then go to the Dean's office in Memorial Hall and be properly registered and classified.

The next step is to go to the Treasurer's office in the west end of Founders Hall. The first payment on all charges is due at the beginning of the term and no student is fully matriculated until his card has been signed by the treasurer, thus indicating that satisfactory financial arrangements have been made.

Students sustain a great loss who are not present at the opening of the term.

Every article of clothing sent to the laundry must be plainly marked with the full name of the owner in indelible ink.

Telegraph and express offices are established at Guilford College station. The College has telephone connection with all points both on the local and long distance line.

The College post office is "Guilford College, North Carolina," and all mail should be so addressed.

DEGREES, PRIZES AND HONORS
1918-1919

Degrees

The following degrees were conferred on commencement day, May 27th, 1919:

Bachelor of Arts

Clara Blair
Georgianna Marie Bird
Ruth Coltrane
Vivian McGee Hayworth
Gertrude Mendenhall Hobbs
Eula Eugenia Hockett
Roger Clinton Kiser
Clarence Monroe Macon
Katherine Brittain Smith
John Gurney White
Hervie Nicola Williard

Bachelor of Science

Hobart McKinley Patterson
Joseph Dixon White

Scholarships and Prizes

Bryn Mawr Scholarship Katherine Brittain Smith
Haverford Scholarship Joseph Dixon White
Marvin Hardin Scholarship Marjorie Williams
Websterian Orator's Prize R. A. Lineberry
Henry Clay Orator's Prize Gladstone Hodgin
Philomathean Orator's Prize Edna Raiford
Zatasian Orator's Prize Josephine Mock
Websterian Improvement Prize Charles Rolison
Henry Clay Improvement Prize George Doughton
Philomathean Improvement Prize Henrietta Lassiter
Zatasian Improvement Prize Mabel Ward
Freshman Declamation Prize Ruth Outland

Honors

Freshman Honors Blanche Lindley, Eurie Teague, and Mabel Ward
Junior Special Honors ... Elsie Clegg and Genevieve Lindley
Sophomore Honors ... Florence Martin and Marjorie Williams

STUDENTS

SENIORS

Barrett, Leslie H. White City, Kans.
Cameron, Daniel David Shields Manly, N. C.
Campbell, Katherine Grenada, Miss.
Casey, Luby Randolph Goldsboro, N. C.
Chilton, Alma Walnut Cove, N. C.
Clegg, Elsie May Guilford College, N. C.
Cloud, Melinnie Thelma Ivor, Va.
Coble, Mary Eleanora Guilford College, N. C.
Fox, Norman Albright Guilford College, N. C.
Henley, Anna Maie Guilford College, N. C.
Lindley, Genevieve Snow Camp, N. C.
Lineberry, Richard Arthur Siler City, N. C.
Moore, Frances Willard Dudley, N. C.
Moore, Hugh Watson Dudley, N. C.
McBane, Donna Alice Saxapahaw, N. C.
McBane, Vera Joy Graham, N. C.
McCracken, Frances Willard Guilford College, N. C.
Neece, Vanner Emma Climax, N. C.
White, David Jordan Belvidere, N. C.

JUNIORS

Bulla, Frances Willard Randleman, N. C.
Bulla, Robert Chapman Randleman, N. C.
Coble, Madge Albright Liberty, N. C.
Cox, Myrtle Roella Climax, N. C.
Dixon, Mary Elkin, N. C.
Farlow, Clara Barton Guilford College, N. C.
Hayworth, Dovie Hepler High Point, N. C.
Hollady, Edward Lewis Greensboro, N. C.
Martin, Florence Nightingale East Bend, N. C.
McCracken, Ada Lea Guilford, N. C.
Newlin, Algia Innman Snow Camp, N. C.
Raiford, Herman Clyde Ivor, Va.
Raiford, Lulu Jackson Ivor, Va.

JUNIORS—Continued

Raiford, Okie Irene Ivor, Va.
Stewart, Esther Thomas Laurinburg, N. C.
Tremain, Lindley Ernest Brown Summit, N. C.
Tremain, Rawleigh Lewis Brown Summit, N. C.
Williams, Marjorie Guilford College, N. C.

SOPHOMORES

Brown, Annie Estelle Woodland, N. C.
Doughton, Joseph Edwards Guilford College, N. C.
Farlow, Ralph Kelsey Guilford College, N. C.
Griffin, Mary Ellen Woodland, N. C.
Harmon, Katherine Whittier High Point, N. C.
Hodgin, Sydnor Gladstone Winston-Salem, N. C.
Hollady, Everett Lewis Guilford College, N. C.
Johnson, Harry Lester Siler City, N. C.
Lewallen, Eva Gray Asheboro, N. C.
Lindley, Mary Blanche Snow Camp, N. C.
Marlette, Nigal Hurley Hillsboro, N. C.
Mendenhall, Marian Harland Greensboro, N. C.
Mock, Lena Josephine Clemmons, N. C.
McBane, Henry Grady Saxapahaw, N. C.
Newlin, James Curtis Saxapahaw, N. C.
Outland, Ruth Evangeline Woodland, N. C.
Pancoast, R. Isabel Purcellville, Va.
Raiford, Clementine Ivor, Va.
Raiford, Margaret Edna Ivor, Va.
Robertson, Nina Marshall White Plains, N. C.
Shamburger, Anne Christine Star, N. C.
Stone, Grace Elizabeth Thomasville, N. C.
Teague, Eurie Ellen Liberty, N. C.
Ward, Mabel Cornell Rich Square, N. C.
White, Berry Lee Belvidere, N. C.
White, Esther Katherine Guilford College, N. C.
White, Fernando Murray Belvidere, N. C.
White, James Hugh Belvidere, N. C.
White, Marianna High Point, N. C.
Williams, Lyle Lyndon East Bend, N. C.
Yates, Elizabeth Winston Guilford College, N. C.
Zachary, Alta Cora Graham, N. C.
Zachary, Jonathan Thompson Graham, N. C.

FRESHMEN

Allen, Nellie Frances Snow Camp, N. C.
Andrews, Herbert Lee Archdale, N. C.
Bostick, Helen Worth Worthville, N. C.
Carroll, Nell Pemberton Mizpah, N. C.
Casstevens, Minnie Yadkinville, N. C.
Chilton, Emma Alice Ararat, N. C.
Clegg, Octavia Guilford College, N. C.
Clegg, Ruth Lucile Guilford College, N. C.
Clodfelter, Wanda Luella Thomasville, N. C.
Crews, C. A. Dewey Walkertown, N. C.
Dorsett, John D. Siler City, N. C.
Dye, Zillman Wesley Madison, N. C.
Ellington, Jamesina Mechanic, N. C.
Farlow, Elbert Wray High Point, N. C.
Farlow, Vera Gertrude High Point, N. C.
Farlow, Zelma Leah Guilford College, N. C.
Finch, Mary Ruth Guilford College, N. C.
Gilbreath, James Hal Kenly, N. C.
Goldston, Nell Goldston, N. C.
Harrison, Edith Gilmer High Point, N. C.
Hayworth, Robert Vinton Jamestown, N. C.
Henley, Clara Barton Taylorsville, N. C.
Hodgin, Joseph Phal Greensboro, N. C.
Jessup, Alta Elizabeth Brim, N. C.
Johnson, Hattie Allene Siler City, N. C.
Jones, Blanche Mae Guilford College, N. C.
Kiser, Lee Edwin King, N. C.
Lassiter, Henrietta Mechanic, N. C.
Lassiter, Robert Glenn Mechanic, N. C.
Lindley, Lulu Ethel Siler City, N. C.
Macon, Edith Emily Climax, N. C.
Marshall, Annie Rooney Westfield, N. C.
Mendenhall, Mary Elizabeth Greensboro, N. C.
Merriman, Charles Benbow Oak Ridge, N. C.
Motley, Sara Hope Danville, Va.
McCracken, Zola Elizabeth Guilford College, N. C.
McGee, Frank Germanton, N. C.
Nichols, Paul W. Progress, N. C.
Pearson, Ruth Hazel Dudley, N. C.
Rabey, Lois Marie Suffolk, Va.

FRESHMEN—Continued

Reynolds, Elma Ruth Randleman, N. C.
Richardson, Hazel Estelle Randleman, N. C.
Robertson, Helen Frances Guilford College, N. C.
Robertson, Mabel D. Guilford College, N. C.
Rudd, Willie Lee Corbett, N. C.
Rush, Alta Gertrude Guilford, N. C.
Schoolfield, Nellie Ada Greensboro, N. C.
Stafford, Raymond Glenwood, N. C.
Stanfield, Andrew Clephus Brown Summit, N. C.
Taylor, Alma White Plains, N. C.
Taylor, James Spottiswood, Jr. Danbury, N. C.
Taylor, Nellie Luna Danbury, N. C.
Thompson, Mat Lee Aurora, N. C.
White, William Dabney Beaufort, N. C.
Williams, Sobelia Belvidere, N. C.
Winchester, Louise Maud Summerfield, N. C.
Wolff, William A. Greensboro, N. C.
Woody, Thomas Clarkson Highfalls, N. C.

SPECIAL STUDENTS

Anderson, Thomas Dewey Denton, N. C.
Cox, Florence Talitha Goldsboro, N. C.
Cox, William Thomas Goldsboro, N. C.
Edwards, Herman Guilford College, N. C.
Frazier, John Gurney Guilford College, N. C.
Hambright, James D. Kings Mountain, N. C.
Lamons, Frank Francisco Greeneville, Tenn.
Paul, Hoyt Jerome Aurora, N. C.
Seal, Una Ovella Greensboro, N. C.

SPECIAL MUSIC STUDENTS

Cox, Lois Guilford College, N. C.
Edgerton, Henrietta Guilford, N. C.
Lambeth, Katie Lou Guilford College, N. C.
Stuart, Marguerite Guilford College, N. C.

PREPARATORY DEPARTMENT

Allen, Beulah Oyama Atlanta, Ga.
Atkins, Janice Jackson Thomasville, N. C.
Barnard, James Anthony Asheville, N. C.
Beeson, Hansel Clarkson Randleman, N. C.
Bird, Joseph Thomasville, N. C.
Browder, Robah Germanton, N. C.
Brown, Jack C. New Bern, N. C.
Bundy, Ruby Gertrude Jamestown, N. C.
Burrus, Flora Elizabeth Mooresboro, N. C.
Busick, John P. Greensboro, N. C.
Casey, Jesse Frank Goldsboro, N. C.
Chamelin, Ollie Cordelia Kernersville, N. C.
Clegg, Kenneth Key Guilford College, N. C.
Cooper, Vera Pelham, N. C.
Cummings, Robert Earl Stokesdale, N. C.
Daniels, Mary E. Goldsboro, N. C.
Dorrity, Henry Ladson Goldsboro, N. C.
Doughton, George Edward Guilford College, N. C.
Doughton, Frank Page Guilford College, N. C.
Edgerton, Clara Belle Hamptonville, N. C.
Edwards, Craig Hannible Charlotte, N. C.
Edwards, William Harold Siler City, N. C.
Ellen, Cicero Percy Battleboro, N. C.
Elmore, Mary Gray Reidsville, N. C.
Ennis, Lonnie Reden Duke, N. C.
Finch, Alfred R. Guilford College, N. C.
Finch, Doak Thomasville, N. C.
Finch, George D. Trinity, N. C.
Fishel, William Jacob McLeansville, N. C.
Fitch, Henry Clyde Yanceyville, N. C.
Fite, Jackson Bernard Charlotte, N. C.
Fleetwood, Seth Hertford, N. C.
Glenn, Omer Lee Stoneville, N. C.
Gloff, Stewart Austin Thomasville, N. C.
Grant, Johnnie Bell Goldsboro, N. C.
Harris, Samuel Parkin Thomasville, N. C.
Harrison, Irma Isabel High Point, N. C.
Hayworth, Orvie William McKinley High Point, N. C.
Holt, Bryce Roswell McLeansville, N. C.
Kinney, George Burlington, N. C.

PREPARATORY DEPARTMENT—Continued

Knight, Paul Gilmer Stokesdale, N. C.
Lassiter, Mary Byrd Goldsboro, N. C.
Levering, Frances Margaret The Hollow, Va.
Lindley, Alfred Cornelius Guilford College, N. C.
Logan, Newel Conrad Winston-Salem, N. C.
Mackie, Florence Christine Guilford College, N. C.
Martin, Bingham Jackson East Bend, N. C.
Martin, James Sandy Ridge, N. C.
May, Alex Griffin Spring Hope, N. C.
Merriman, Loyd Ella Oak Ridge, N. C.
Mims, Frank Alexander Asheville, N. C.
Mitchell, Joseph Franklin Reidsville, N. C.
McBane, Thomas Everette Snow Camp, N. C.
McCollum, Mary Ruth Madison, N. C.
McCracken, Louise Elizabeth Guilford College, N. C.
McCracken, Raymond Guilford College, N. C.
McDonald, Roxie Hamlet, N. C.
Nelson, Meta Kernersville, N. C.
Nutting, William Albert St. Pauls, N. C.
Odom, Laurin N. Darlington, S. C.
Patterson, Mildred Kathleen Concord, N. C.
Patton, Kent Webster Greensboro, N. C.
Perkins, Herman W. Goldsboro, N. C.
Perkins, Sallie Laurence, Kans.
Petree, Samuel Elmer Danbury, N. C.
Plonk, Joseph Calvin Kings Mountain, N. C.
Price, John Hampton, Jr. Stoneville, N. C.
Pringle, Alonzo Josephene Guilford College, N. C.
Pugh, Myrtle Ulalah Asheboro, N. C.
Pulliam, James C. Winston-Salem, N. C.
Purvis, R. Curtis McConnell, N. C.
Rayl, Paul R. Greensboro, N. C.
Rice, William Frank Asheville, N. C.
Rolison, Charles Rouse Bayboro, N. C.
Shore, B. Clyde Yadkinville, N. C.
Shore, Henry Bascom East Bend, N. C.
Shore, Herman Boonville, N. C.
Shore, Marvin H. Yadkinville, N. C.
Shore, Nova Emma Yadkinville, N. C.

PREPARATORY DEPARTMENT—Continued

Smith, Elbert H. Asheville, N. C.
Spillman, John, Jr. Wilmington, N. C.
Stafford, Ogburn Fletcher Glenwood, N. C.
Stone, Charles Sanford Stoneville, N. C.
Stout, Chalmers Otis Siler City, N. C.
Statford, Charles Carlyle Charlotte, N. C.
Summers, Fred Greensboro, N. C.
Sundean, Clarence Greensboro, N. C.
Tate, Murray Evans Mebane, N. C.
Taylor, Joseph Dorsett, Jr. Asheville, N. C.
Taylor, Joseph John Danbury, N. C.
Thompson, A. Wade Denton, N. C.
Thompson, Blake Thornton Whitsett, N. C.
Thompson, Isla Willis Whitsett, N. C.
Tomlinson, Naomi Elwood Thomasville, N. C.
Trotter, John Paul Charlotte, N. C.
Vaughn, William Edward Stokesdale, N. C.
Venable, Ethyle Archer, Fla.
Venable, Rubye Archer, Fla.
Vestal, Ava Burlington, N. C.
Walker, Alfred Roxboro, N. C.
Williams, Russell Conwell Guilford College, N. C.

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Guilford College Bulletin



CATALOGUE NUMBER

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Guilford College Bulletin

CATALOGUE NUMBER

1920-1921

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Guilford College, N. C.

Calendar

EIGHTY-FIFTH ACADEMIC YEAR

1921

September 13th Beginning of the Session
Registration and Classification

September 12th, 13th, 14th Opportunity for Removing Deficiencies by Re-examination

September 14th, Wednesday, 8:20 a. m. .. Recitations Begin

November 15th First Quarter Ends

November 24th Thanksgiving Recess
Community Singing

December 10th Websterian Oratorical Contest

December 20th, 4:00 p. m. Christmas Recess Begins

1922

January 4th, 8:05 a. m. Recitations Resumed

January 23rd-28th Mid-Year Examinations

January 30th Second Term Begins

February 11th Philomathean Oratorical Contest

March 25th Examinations for Removing Conditions

April 3rd Third Quarter Ends

April 14th, 15th, 16th and 17th Easter Recess

April 22nd Henry Clay Oratorical Contest

May 20th Zatasian Oratorical Contest

May 29th-June 3rd Final Examinations

June 4th Baccalaureate Service
Sermon Before the Christian Associations

June 5th Senior Class Day
Annual Meeting of the Alumni Association

June 6th Commencement Day
Conferring of Degrees
Commencement Address

Board of Trustees

	Term Expires
Charles F. Tomlinson, High Point, N. C.	1921
Dudley D. Carroll, Chapel Hill, N. C.	1921
N. C. English, Trinity, N. C.	1922
Wm. T. Parker, High Point, N. C.	1922
Henry A. White, High Point, N. C.	1923
D. Ralph Parker, High Point, N. C.	1923
C. P. Frazier, Greensboro, N. C.	1924
Walter E. Blair, Greensboro, N. C.	1924
J. Elwood Cox, High Point, N. C.	1925
Jeremiah S. Cox, Greensboro, N. C.	1925
David White, Greensboro, N. C.	1926
Zeno H. Dixon, Elkin, N. C.	1926

J. Elwood Cox, *Chairman*
David White, *Secretary*

Advisory Committee

APPOINTED BY THE YEARLY MEETING

	Term Expires
Mary M. Petty, Greensboro, N. C.	1921
Gertrude W. Mendenhall, Greensboro, N. C.	1921
Bertha Cox, High Point, N. C.	1921
Mary D. Cox, High Point, N. C.	1922
Mary E. M. Davis, Guilford College, N. C.	1922
Anna W. Williams, Guilford College, N. C.	1922
Priscilla B. Hackney, Greensboro, N. C.	1923
Roxie D. White, Guilford College, N. C.	1923
Sandia Lindley, Pomona, N. C.	1923

Standing Committees of the Trustees

Officers and Faculty—C. F. Tomlinson, N. C. English, D. D. Carroll.

Literary Department—Dudley D. Carroll, C. F. Tomlinson, Zeno H. Dixon.

Boarding Department—C. P. Frazier, Zeno H. Dixon, Walter E. Blair.

Buildings and Grounds—D. Ralph Parker, David White, H. A. White.

Water, Lights and Heat—H. A. White, J. S. Cox, D. Ralph Parker.

Farm—W. T. Parker, N. C. English, Walter E. Blair.

Endowment Fund—J. E. Cox, David White, N. C. English.

Auditing and Finance—J. S. Cox, D. D. Carroll.

Committee to Confer with Committee from Yearly Meeting—J. S. Cox, N. C. English, C. P. Frazier.

Faculty

RAYMOND BINFORD, S. M., PH. D.

BIOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph.D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., summers 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., summers 1912-1917; Professor of Biology and Geology, Guilford College, 1901-1914; Professor of Zoology at Earlham College, 1914-1918; President of Guilford College, since 1918.

LEWIS LYNDON HOBBS, A. M., LL. D.

LATIN

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philosophy, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

LATIN

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Guilford College, since 1892.

MARK BALDERSTON, A. B.

PHYSICS

A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Guilford College, since 1915.

ANNA WILKINS ROBERTS, A. B.

FRENCH

A. B., Bryn Mawr, 1915; Principal Plymouth Friends' School, 1915-1917; French and German, Sorbonne, 1920; Guilford College, since 1917.

BESSIE V. NOLES, A. B.

HOME ECONOMICS

A. B., Bessie Tift College, 1906; Teachers' College, Columbia University, 1915; Librarian and Instructor, Bessie Tift College, 1906-1914; Teacher of Home Economics, Salem College, 1915-1917; Guilford College, since 1917.

FRANCIS CHARLES ANSCOMBE, A. B.

HISTORY AND BIBLICAL LITERATURE

A. B., Earlham College, 1916; Assistant in Biblical Literature, ibid., 1916; Assistant in English and Graduate Student, ibid., 1917; Instructor in Bible, ibid., summer 1920; Graduate Student Johns Hopkins University, 1918-1919; Guilford College, since 1918.

WILLIAM AUGUSTUS RUDISILL, A. B., B. S., M. S.

CHEMISTRY

A. B., Lenoir College, 1909; B. S., University of N. C., 1911; Assistant in Chemistry, ibid., 1911; Professor Chemistry and Physics, Lenoir College, 1911-1913; M. S., University of North Carolina, 1914; Assistant in Chemistry, ibid., 1914; Graduate Student, ibid., 1914-1915; Professor of Chemistry and Physics, Thiel College, 1915-1916; Instructor in Chemistry, Purdue University, 1916-1919; Guilford College, since 1919.

MARK CARTER MILLS, A. B.

POLITICAL SCIENCE AND ECONOMICS

A. B., Earlham College, 1916; Teacher of History, West Newton (Ind.) High School, 1914-1915; Instructor in History and Political Science, Pacific College, 1916-1917; Guilford College, since 1919.

J. WILMER PANCOAST, B. S.

MATHEMATICS

B. S., Swarthmore College, 1901; Special Work at University of Pennsylvania, University of Cornell, University of Chicago; Instructor of Mathematics, George School, Bucks County, Pennsylvania, 1902-1918; Guilford College, since 1919.

L. LEA WHITE, A. B.

EDUCATION

A. B., Guilford College, 1904, and Haverford College, 1905; School of Education, University of Virginia Summer Session, 1907; Principal Jamestown High School, 1905-1910; Principal Winston-Salem City High School, 1910-1920; Guilford College, since 1920.

MARY ALINE POLK, A. M.

ENGLISH

A. B., Indiana University, 1915; A. M., Leland Stanford University, 1920; Teacher of English, Fritchton (Indiana) High School, 1915-1919; Instructor in French and Spanish, Oakland City College, spring quarter 1919; English, Guilford College, 1920-1921.

MARY RUTH DOUGLASS, A. B.

SPANISH

A. B., Wilmington College, 1920; Guilford College, Spanish and Latin, 1920-1921.

RHESA LANCASTER NEWLIN, B. S.

ASSISTANT IN MATHEMATICS

B. S., Guilford College, 1917; Teacher of Mathematics, China Grove High School, 1917-1918; Instructor in Mathematics, Clemson College, 1919-1920; Guilford College, since 1920.

HERBERT NICKSON BAKER, B. S.

ASSISTANT IN BIOLOGY AND AGRICULTURE

B. S. in Agriculture, Kansas State Agricultural College, 1920; Guilford College, 1920-1921.

ROBERT HORNIMAN DANN, A. M.

RELIGIOUS EDUCATION

A. B., Pacific College, 1917; A. M., Haverford College, 1918; Instructor Oak Grove Seminary, 1919; Graduate Student Andover-Harvard, 1920; Guilford College, 1920-1921.

JAMES WESTLEY WHITE

VOCAL

Student at International School of Vocalists, Boston; Private Teachers, New York; Soloist in leading churches of Boston and New York, in festivals and tours; Director of Chorus and Choir; Instructor in Vocal Music, Guilford College, since 1919.

BEATRICE LYNNE BYRD, B. M.

PIANO

B. M., Greensboro College, 1914; Voice Diploma, Greensboro College, 1914; Pupil of Anthony Carlsen, Los Angeles, Calif.; Studio Assistant to Director, Greensboro College, 1913-1914; Teacher of Voice and Piano, Greenville (S. C.) Woman's College, 1916-1918; Guilford College, since 1919.

HARRIET ALMEDA WAKEMAN

VIOLIN

Pupil in Violin of Eugene Gruenberg, C. M. Loeffler, Letty Launder and Nina Fletcher, of Boston, and Sam Franko, of New York; Student, New England Conservatory, 1909-1914; Teacher of Violin, South End Music School, Boston, 1914-1918; Teacher of Violin, West Newton Music School, West Newton, Mass., 1916-1918; Guilford College, since 1920.

ROBERT S. DOAK, A. B.

MEN'S PHYSICAL DIRECTOR

A. B., Guilford College; Coach Elon College, 1911-1915; Coach Basketball and Track, Trinity College, 1916; Coach, Guilford College, 1916-1918; Athletic Work for Y. M. C. A. with A. E. F. in France, 1919; Guilford College, since 1919.

MILDRED CRABB, A. B.

WOMEN'S PHYSICAL DIRECTOR

A. B., Earlham College, 1916; Director Women's Physical Culture, Guilford, since 1920-1921.

GERTRUDE MENDENHALL HOBBS, A. B.

A. B., Guilford College, 1919; Assistant in French, since 1919.

Officers of Administration

RAYMOND BINFORD
PRESIDENT

MARK BALDERSTON
DEAN

H. LOUISA OSBORNE
DEAN OF WOMEN

MARK C. MILLS
DEAN OF MEN

MAUD L. GAINEY
TREASURER

JULIA S. WHITE
LIBRARIAN

NANCY ERA LASLEY
ASSISTANT LIBRARIAN

GERTRUDE M. HOBBS
REGISTRAR

E. EDGAR FARLOW
BUSINESS MANAGER

SARAH E. BENBOW
MATRON

PEARL PERRY
SECRETARY TO THE PRESIDENT

EMILY R. LEVERING
MATRON NEW GARDEN HALL

Committees of the Faculty

Absences—Mark Balderston, L. Lea White, H. Louisa Osborne, Mark C. Mills.

Athletics, Boys—Robert S. Doak, J. Wilmer Pancoast, L. L. White, Rhesa Newlin.

Athletics, Girls—Mildred Crabb, Bessie V. Noles, Anna W. Roberts.

Campus—L. Lyndon Hobbs, E. E. Farlow, Sarah Benbow, Bessie V. Noles, Herbert N. Baker.

Credentials—Mark Balderston, L. L. White, Anna W. Roberts, Mary A. Polk.

Debates and Lectures—Mark C. Mills, L. Lyndon Hobbs, Francis C. Anscombe, James W. White, Bessie V. Noles, Mildred Crabb.

Discipline—Mark C. Mills, H. Louisa Osborne, Mark Balderston, L. L. White, Anna W. Roberts, Mrs. Levering.

Examinations—Bessie V. Noles, J. Wilmer Pancoast, W. A. Rudisill, Ruth Douglass.

Executive—Mark Balderston, Anna W. Roberts, H. Louisa Osborne, L. L. White.

Library—Julia S. White, J. F. Davis, F. C. Anscombe, Mary Aline Polk, Bessie V. Noles, Mark C. Mills.

Publications—F. C. Anscombe, Mary Aline Polk, Robert Dann, L. L. White.

Social—H. Louisa Osborne, Anna W. Roberts, Mr. and Mrs. F. C. Anscombe, Mark Balderston, Rhesa Newlin.

HISTORICAL SKETCH

New Garden Boarding School

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and twenty-three years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership — a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other States, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

Guilford College

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the State in 1888, with authority to confer academic degrees upon the completion of a college course.

Location

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro, in the midst of a progressive neighborhood, was chosen. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty-four years the institution has flourished and developed.

Material Equipment

FARM AND CAMPUS

The College property consists of two hundred and ninety acres of campus, field and woodland. The campus and athletic fields occupy about thirty acres. About half of the remainder has been cleared, most of which has been built up by a splendid system of cultivation. A fine herd of carefully selected grade Guernsey cattle is housed in a well appointed dairy barn to the east of the campus. The college table is supplied abundantly with milk and butter of the highest grade. An increasing effort is being made by the farm management to supply the major portion of the vegetables and fruits, both fresh and canned, which the college family uses during the year. The farm and dairy equipment and management are thoroughly modern in every respect and are valuable object lessons for students interested in agriculture.

The campus with its fine old oaks is the peer of any in the state. About it in a large quadrangle are grouped the ten principal buildings, all of which, except the gymnasium, are of brick, thoroughly substantial and unusually pleasing in appearance.

FOUNDERS HALL

On entering the grounds at the "1909" gateway one sees the white pillars of Founders Hall at the end of the long vista down the drive. This is the oldest building of the group. It was erected in 1837. In 1908 it was entirely remodeled and the second and third floors equipped as a modern dormitory for girls.

On the first floor are the dining room, the halls of the Philomathean and Zatasian Literary Societies, the matron's rooms, reception rooms and office of The Guilfordian. On the second floor is a large assembly room for the Young Women's Christian Association.

ARCHDALE HALL

This hall was erected in 1886, and was named in memory of the Quaker Governor, John Archdale. It is used as a dormitory and will comfortably accommodate forty-eight men.

Y. M. C. A. HALL

This hall was built in 1891 to accommodate the Young Men's Christian Association. Recently the interior of this building has been remodeled. The Y. M. C. A. room has been enlarged and improved. The upper floor has been made into two handsomely equipped literary society rooms for the Websterian and Henry Clay Societies.

MEMORIAL HALL

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also to supply an auditorium. This building was erected in 1897, and is named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

This building contains the offices of the President, the Dean, the Treasurer and the Business Manager, the Book Store, Postoffice, the Chemical Laboratory

and Lecture Rooms, the Biological Laboratory, the Music Department, the Auditorium, and the Museum.

NEW GARDEN HALL

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work, thus lessening their expenses. The Hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

THE LIBRARY

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. It is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study.

The original Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been to make it most available for use, hence our facilities for reference work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of its intellectual life.

There are now over ten thousand volumes in the Library and these are in use daily by students and persons connected with the College. The reading

room is well supplied with the state papers, and the best of magazines and periodicals representing general literature and the special departments.

KING HALL

The present King Hall is the third building so named, the former two having been destroyed by fire. The building as now constructed contains six large class rooms, the Physics Laboratory and the laboratory for Home Economics.

COX HALL

Cox Hall is a dormitory for young men. The three center sections were built in 1912 and two new sections were added in 1917. This building will accommodate 104 students. The sections have separate entrances and are divided from each other by solid fireproof walls. On each floor of each section there are four rooms, and each group of four has its own shower bath and lavatory. There is hot and cold water in each room. In the basement is a locker room and shower baths for day students and visiting athletic teams. No expense has been spared to make Cox Hall artistic both inside and out and to provide it with every modern convenience.

THE CHURCH

The large meeting house was erected in 1912 to accommodate the sessions of the Yearly Meeting. It serves for the regular religious meetings of the College community.

THE GYMNASIUM

The Gymnasium contains an excellent basketball floor 50 x 76 feet. There are two galleries giving ample room for spectators at intercollegiate contests.

ATHLETIC FIELDS

The athletic equipment is large enough to enable every student in College to secure an abundance of outdoor exercise.

The Hobbs Athletic Field is a carefully graded tract of ground of three acres, perfectly adapted to football, soccer, baseball and track. It is surrounded by a quarter mile running track with a 100-yard straightway.

There are ten sand-clay tennis courts on the campus, giving ample room for all to play who desire to do so.

The girls' athletic grounds are situated to the west of New Garden Hall.

THE LABORATORIES

The College possesses four laboratories: Chemistry, Physics, Biology, and Domestic Science. These laboratories, comfortably situated in large, well lighted rooms, are well equipped with modern apparatus and offer every facility for elementary or advanced work.

The various material resources outlined above have been made possible by the generosity and aid of a large circle of friends of Guilford College, and everything has been done with a view to giving young

women and young men a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

Policy and Ideals

The founders of the College desired to establish an institution where a broad liberal culture might be secured with homelike surroundings and under religious influences. The history of the College has continuously demonstrated that these ideals have been attained to an unusual degree. An education which has for its sole object the increasing of the earning power of the student has no place at Guilford, for while this object is not lost sight of in the rigid men-

tal training that is given and in the various professional courses which are offered, yet an earnest effort is made to combine with an increase in ability an increase in spiritual insight and a widening of the mental horizon.

Although Guilford College cannot properly be classed as a professional school, yet the College is abundantly prepared to give in its well equipped and up-to-date laboratories thorough scientific training for advanced professional study. The immature student gains the advantage of the intimate personal oversight of the faculty such as is possible in a small college only.

In accordance with the ideals outlined above, the course is designed to include something of every important phase of human knowledge, but the requirement is also made that one subject be studied with sufficient thoroughness to make that a life work if desired.

A good many Guilford students teach, and the excellent reputation which the graduates of the College have acquired in this work has been due to the fact that the College insists on the importance of acquiring a thorough knowledge of the subject to be taught. A sufficient number of courses in Education are offered to give the student a proper professional training and satisfy all the State requirements, but these courses are not multiplied at the expense of those subjects which make a well stocked mind the greatest asset in a school room.

Thoroughness in all things and a serious effort to avoid all sham and pretense have characterized the policy of the College since the beginning.

Religious Exercises

Although under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote a positive, healthy religious life.

All students are required to attend the regular meetings for worship held once a week.

The Y. M. C. A. and Y. W. C. A., in which nearly every student is enrolled, are very active organizations, and through their weekly prayer meetings, Bible classes, Mission Study classes, etc., exercise a helpful and uplifting influence.

Endowment

The encouragement to make still greater provision for the future, which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College

by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving $45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College $25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave $15,000 to the endowment, making their total donations to Guilford $25,000. Among the benefactors is Samuel Hill, who gave $5,000 in memory of his father, Nathan B. Hill, and $6,000 subsequently for improvement in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of $5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of $12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of $5,000 is in memory of Francis White who, in his lifetime, gave assistance and great encouragement to the work of eduation in North Carolina.

The Jonathan E. Cox Fund of $5,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of $1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of $1,500—a scholarship fund.

The Richardson Fund of $2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of $1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of $1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of $5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of $1,000—scholarship fund.

The Doctor Dicia Baker Fund of $5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of $500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The John B. Griffin Fund of $1,250—a scholarship fund for girls.

The Joseph J. Cox Memorial Fund of $3,000.00—for the Biblical Department.

The Rufus and Lydia White Memorial Fund of $1,000—endowment.

The George W. White Memorial Fund of $1,000—endowment.

A fund of $1,000 for ministerial students or those preparing for Christian work, established by Elwood Cox.

The total sum of permanent funds—those named above, and others—is $201,336.85. The plant and endowment are estimated to be worth $620,000.00.

REQUIREMENTS FOR ADMISSION

Candidates for admission to the Freshman Class must have four years of high school preparation or a full equivalent. A chief cause of failure in college work is unsatisfactory preparation, and a thorough knowledge of preparatory subjects is absolutely essential before taking up the work of the college course.

Applicants will be admitted without examination upon presentation, on or before the opening of the college year, of a Certificate of Admission from an accredited high school. Blank certificates will be furnished on application to the College and should be filled out and sent in some time during, or before, the summer vacation. It is important that this be done as early as possible as it is difficult to secure records from teachers while on their vacations. The Certificates of Admission must be filled out and signed by the Principal of the school from which the applicant comes. If two or more high schools have been attended, a certificate must be secured from each one.

Examinations will be required before credit is given for any subject which has not been properly certified.

Students coming from accredited high schools, if recommended in fifteen units in which the required units are included, are given Freshman standing. Students so recommended who have not more than two units of deficiencies, either of required subjects

or of electives, are given conditional Freshman standing. Such conditions should be removed before the beginning of Sophomore year. The Preparatory Department offers an excellent opportunity for their removal.

Credits allowed on credentials are in all cases conditional. A student thus admitted has only probationary standing for the first term and if his work in any Freshman subject indicates that this preparation in that subject has been insufficient he may be required by action of the faculty to complete his preparation in the proper course of the Preparatory Department or pass a creditable examination over the preparatory work before he may again enter the course in question.

Preparatory Subjects Required for Entrance

English	3	units
Algebra	1½	units
Plane Geometry	1	unit
Foreign Languages	4	units
History	1	unit
Electives	4½	units

A high school course taken five periods a week for one school year is valued at one unit.

Not less than two units will be accepted in any one language, unless presented as an elective.

Students who intend to major in Biblical literature, languages or history and receive the degree of Bachelor of Arts must present four units of Latin for

entrance, except those majoring in the department of History who may present French or German.

Students who intend to major in Mathematics, or some one of the sciences, and receive the degree of Bachelor of Science should, if possible, present French or German for entrance.

The electives must be selected from the following list:

Table of Subjects Accepted for Entrance

Subjects	Topics	Units
English A	Grammar and Analysis	1
English B	Composition and Elementary Rhetoric	1
English C	Selections of Literature	1
Mathematics A	Algebra to Quadratics	1
Mathematics B	Advanced Algebra	½ or 1
Mathematics C	Plane Geometry, complete	1
Mathematics D	Solid Geometry	½
Mathematics E	Trigonometry	½
History A	Ancient	1
History B	Mediaeval and Modern	1
History C	English	1
History D	American	1
Latin A	Grammar and Composition	1
Latin B	Caesar, four books and Composition	1
Latin C	Cicero, four orations and Composition	1
Latin D	Virgil, four books and Composition	1
Greek A	Grammar and Composition	1
Greek B	Xenophon, four books	1
German A	Grammar and Composition	1
German B	Reading and Exercises	1

French A	Grammar and Composition	1
French B	Reading and Exercises	1
Science A	Physical Geography	½ or 1
Science B	Chemistry	1
Science C	Physics	1
Science D	Physiology	½
Science E	Botany	½ or 1
Science F	General Science	½ or 1
Civics	Civil Government	½
Biblical Literature		1

Applicants for admission who desire entrance credit for such vocational subjects as Agriculture, Home Economics, Bookkeeping, Commercial Geography, Commercial Arithmetic, Stenography and Typewriting, Mechanical Drawing and Manual Training, will receive such credit only after a special investigation has been made. A complete record of the work done must be submitted and passed upon by the committee on credentials. Not more than one unit for one subject or two units altogether will be given for subjects in this list, except in case of graduates from an accredited four-year high school.

One unit in Biblical Literature is accepted from high schools or from Sunday schools which comply with the standards set by the Council of Church Boards of Education.

Specifications Regarding Entrance Units

Civics

Civics One-half Unit

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

English

English A—Grammar and Analysis One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition. Abundant practice in composition, with readings from masterpieces of American Literature.

English C—Reading and Literature One Unit

REQUIRED FOR STUDY

One selection from each of the following groups:

GROUP I.—DRAMA.

Macbeth; Hamlet.

GROUP II.—POETRY.

Milton's L'Allegro, Il Penseroso, and Comus; the selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

GROUP III.—ORATORY.

Burke's Speech on Conciliation with America; Washington's Farewell Address; Webster's First Bunker Hill Oration; and Lincoln's Gettysburg Address.

GROUP IV.—ESSAYS.

Carlyle's Essay on Burns, with a selection from Burns's Poems; Macaulay's Life of Johnson.

REQUIRED FOR READING

Two selections from each of the following groups:

GROUP I.—CLASSICS IN TRANSLATION.

The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel, together with the books of Ruth and Esther; Homer's Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Æneid. The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.

GROUP II.—DRAMA.

Shakespeare's Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Caesar; Macbeth; Hamlet; Goldsmith's She Stoops to Conquer; Sheridan's The Rivals.

GROUP III.—PROSE FICTION.

Malory: Morte d'Arthur (about 100 pages); Bunyan's Pilgrim's Progress, Part I; Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe: Robinson

Crusoe, Part I; Goldsmith: Vicar of Wakefield; Scott: Novels, any one; Jane Austen: Novels, any one; Maria Edgeworth: Castle Rackrent or The Absentee; Frances Burney: Evelina; Dickens: Novels, any one; Thackeray: Novels, any one; George Eliot: Novels, any one; Mrs. Gaskell: Cranford; Kingsley: Westward Ho! or Hereward the Wake; Reade: The Cloister and the Hearth; Lytton: Last Days of Pompeii; Blackmore: Lorna Doone; Hughes: Tom Brown's School Days; Stevenson: Treasure Island, Kidnapped, Master of Ballantrae, Dr. Jekyll and Mr. Hyde; Kipling: Kim, Captains Courageous, Jungle Books; Cooper: Novels, any one; Poe: Selected Tales; Hawthorne: House of Seven Gables, Twice Told Tales, Mosses from an Old Manse; Howells: The Rise of Silas Lapham; Wister: The Virginian; Cable: Old Creole Days; Short Stories by various standard writers.

GROUP IV.—ESSAYS, BIOGRAPHY, ETC.

Addison and Steele: The Sir Roger de Coverley Papers, Selections from the Tatler and Spectator; Boswell: Selections from the Life of Johnson; Franklin: Autobiography; Washington: Farewell Address; Burke: Speech on Conciliation with America; Irving: Life of Goldsmith; Southey: Life of Nelson; Lamb: Essays of Elia; Lockhart: The Life of Scott; Thackeray: Lectures on Swift, Addison, and Steele in the English Humorists; Macaulay: Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay, Life of Johnson, Two Speeches on Copyright, History of England (Chapter III); Trevelyan: Selections from Life of Macaulay; Carlyle: Essay on Burns; Ruskin: Sesame and Lilies, Selections; Dana: Two Years Before the Mast; Webster: First Bunker Hill Oration; Lincoln: Selections, including at least the Speech at Cooper Union, the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley (together with a brief memoir or estimate of Lincoln); Parkman: The Oregon Trail; Emerson: Manners, Self-Reliance; Thoreau: Walden; Lowell: Selected Essays; Holmes: The Autocrat of the Breakfast Table; Burroughs: Selected Essays; Warner:

In the Wilderness; Curtis: Prue and I, Public Duty of Educated Men; Stevenson: An Inland Voyage, and Travels with a Donkey; Huxley: Autobiography and Selections from Lay Sermons (including the addresses on Improving Natural Knowledge, A Liberal Education, and a Piece of Chalk); Hudson: Idle Days in Patagonia; Clemens: Life on the Mississippi; Riis: The Making of an American; Bryce: The Hindrances to Good Citizenship; A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V.—POETRY.

Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study); Goldsmith's The Traveler, and The Deserted Village; Pope's The Rape of the Lock; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, The Battle of Oetterburn, King Estmere, Young Beichan, Bewick and Grahamme, Sir Patrick Spens, and a selection from later ballads; Coleridge's The Rime of the Ancient Mariner, Christobel, and Kubla Khan; Byron's Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott's The Lady of the Lake or Marmion; Macaulay's Lays of Ancient Rome, The Battle of Naseby, The Armada, and Ivry; Tennyson's The Princess or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," and Instans Tyrannus; Arnold's Sohrab and Rustum, and The Forsaken Merman; selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier; Milton: L'Allegro, Il Penseroso, Comus, Lycidas.

French

French A—Grammar and Composition One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

French B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

German

German A—Grammar and Composition ... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

Greek

Greek A—Grammar and Composition One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon One Unit

Four books of Xenophon's Anabasis, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

History

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

History A—Ancient One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

History B—Mediæval and Modern One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

History C—English One Unit

The political and social history of England from the period of the Roman occupation to the present day.

History D—American One Unit

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the Revolution and the adoption of the Constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and Reconstruction, and the recent development of the nation.

Latin

Latin A—Grammar and Composition One Unit

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

Latin B—Cæsar One Unit

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

Latin C—Cicero One Unit

Cicero's Orations against Catiline; continued practice in prose composition.

Latin D—Virgil One Unit

Four books of Virgil's Æneid, forms and construction of poetry, hexameter verse, continued practice in prose composition.

Mathematics

Mathematics A and B—Algebra
One and One-half or Two Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

Mathematics C—Plane Geometry One Unit

Five books and numerous original exercises taken from other sources.

Mathematics D—Solid Geometry One-half Unit

With original exercises and problems.

Science

Science A—Physical Geography, One-half or One Unit

The knowledge obtainable from a standard school text-book on this subject, field work.

Science B—Chemistry One Unit

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.

Science C—Physics One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

Science D—Physiology One-half Unit

A standard school text-book, with demonstration and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

Science E—Botany One-half or One Unit

Any standard school text-book, recitations and laboratory or field work in general botany.

Science F—General Science .. .One-half or One Unit

Any standard school text-book, recitations and laboratory work.

Admission to Advanced Standing

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

RULES REGARDING CLASSIFICATION AND GRADING

Special Students

Persons of mature age, who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

Regulations Regarding Re-examinations

Opportunities for the removal of First Term conditions will be given in March and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to remove a condition shall repeat the course, the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

Grading of Students

A student's standing is determined by daily recitations, hour examinations and final examinations. Reports are issued quarterly. At mid-year and at the end of the year the report covers the work for the whole of the previous term. The grades attained are indicated by the letters A, B, C, D, and E. A indicates a grade from 91 to 100; B from 81 to 90; C from 70 to 80; D from 50 to 70; and E below 50. The numerical grades do not appear on the reports. A D grade for the term's work indicates a failure, with the privilege of passing the course by re-examination. An E grade for the term indicates that the course must be repeated.

All serious breaches of discipline, including all unexcused absences from classes, will be recorded on the reports.

Changing Classification

No student shall be allowed to change his classification without the consent of the Dean and the heads of the departments concerned. Only under very exceptional circumstances will such changes be allowed later than two weeks after matriculation.

COURSE OF STUDY

The course of study includes both required and elective subjects, so combined that the student may specialize in one field and at the same time acquire that general culture and breadth of knowledge which comes from a variety of studies.

The courses are valued by the credit hour, which is equivalent to one recitation a week for a half year of eighteen weeks. To obtain a degree a student will be required to complete a minimum of 126 credit hours.

The following outline will indicate what subjects are required and what are elective and also show the amount and nature of the class work required for graduation:

FRESHMAN YEAR

FOR A. B. DEGREE		FOR B. S DEGREE	
English I	8	English I	8
Mathematics I	10	Mathematics I	10
Choose two of the following:		Chemistry I	8
French A or I German A or I Greek I History I or II Latin I and III Spanish A or I	12 or 16	Choose one of the following: French A or I German A or I	8

SOPHOMORE YEAR

English II	4	English II	4
History I or II	6	History I or II	6
Language pursued in Freshman year	8	Language pursued in Freshman year	8
Choose one of the following:		Electives	16
Physics I Chemistry I	8		

JUNIOR YEAR

FOR A. B. DEGREE		FOR B. S. DEGREE	
Biology I	8	Biology I	8
Philosophy	3	Philosophy	3
Electives	21	Electives	21

SENIOR YEAR

Biblical Literature	8	Biblical Literature	8
Electives	24	Electives	24

Rules Governing Electives

In choosing electives the student must take at least three years' work in one subject known as the major subject. There are eleven departments from which one may choose a major. The requirements for each major and the accompanying minors are stated at the beginning of the description of each department in which a major is offered.

Candidates for the A. B. degree must select their majors from the departments of Biblical Literature, English, French, Greek, History or Latin. Candidates for the degree of B. S. must select their majors from the departments of Biology, Chemistry, Home Economics, Mathematics or Physics. For the A. B. degree a student must elect two years of either French or German or Spanish, and for the B. S. degree he must have had Course A or an equivalent in French and German and Course I in either of the languages.

Only those who are planning to take a major in the Department of History are allowed to elect history in the Freshman year.

Physical Education

Regular physical exercise is required of all students. One hundred hours is the minimum required for one year. The amount of Physical Culture that is taken and reported is entered on the student's college record and thereby becomes a part of any statement of the work completed by the student.

DEPARTMENTS OF INSTRUCTION

For work in Agriculture, see the Department of Biology.

Biblical Literature

Guilford College is able to meet the needs of those who wish to prepare themselves for the Christian Ministry, but who do not expect to take a course at a Theological Seminary. The fundamentals are taught in a thoroughly scholarly, yet reverent way, and the various courses in this department and in the Department of Religious Education are designed to thoroughly equip young men and women for various kinds of Christian service.

Students planning to go to a Theological Seminary will find that Guilford College is prepared to give them the necessary foundation for such studies.

A major in Biblical Literature consists of 22 hours' work selected from the courses described below, or 16 hours from these courses and 6 hours from the department of Religious Education.

Six hours in English IV, V, VI or VIII are required, and two years of an ancient language.

Students majoring in this department should elect courses in Philosophy.

I*ab*. Credit hours 8.

Biblical Literature.—The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetical writ-

ings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

II*a*. Credit hours 4.

THE HEBREW PROPHETS.—This course is designed to give the student an introduction to the personalities, methods and accomplishments of the Hebrew prophets. Commencing with the Book of Judges, the development of Monotheism and Judaism is traced until the Restoration. The prophet is shown to be a man of his own age as well as a man of God. The historical situation is determined when possible and the permanent spiritual message is examined. Textbook, lectures and reports. Four hours a week. First half year. Not given in 1921-1922. Will be given in 1922-1923.

III*b*. Credit hours 4.

LIFE OF CHRIST.—A reverent, scholarly examination of the Life of Lives. Burton and Stevens' Harmony of the Gospels is used. Open to all students of college standing. Four hours a week. Second half year. Not given in 1921-1922. Will be given 1922-1923.

IV*a*. Credit hours 3.

THE APOSTOLIC CHURCH.—In this course a study is made of the Acts and Epistles. The development of Christian thought is traced from the time of Pente-

cost to the end of Paul's missionary labors. Lectures, assigned readings, and reports. The class is conducted on the seminar method. First half year. Offered in 1921-1922. Will not be offered in 1922-1923.

V*b*. Credit hours 3.

The History of the Christian Church.—This course takes up in turn the epochs of the Christian Church from the close of the Apostolic period down to the end of the seventeenth century. Various historic interpretations of Christianity are studied in detail, including particularly the Greek, Latin, Lutheran and Quaker conceptions. Lectures, assigned readings and reports. Seminar method. Second half year. Offered in 1921-1922. Will not be offered in 1922-1923.

Greek New Testament.—This course is given to second and third year Greek students as part of the regular courses in Greek. Translation and explanation of the Greek text of selected readings from the New Testament. Four hours per week. Second half year.

Religious Training

See Department of Religious Education.

Biology

The department of Biology, with which has been incorporated the Museum of Natural History, occupies a well lighted room on the first floor of Memorial

Hall and shares with the department of Chemistry a large lecture room in the same building. This lecture room is provided with a projection lantern and demonstration equipment. The laboratory, 30 x 60 feet, is well equipped for all the courses offered. The working tables provide for twenty students at one time, each student furnished with locker facilities, abundant working room, and proper light for microscopic work and dissection.

The equipment consists of simple and compound microscopes, materials and apparatus for both elementary and advanced work in histology, anatomy, cytology and embryology; of collecting apparatus and small aquaria and of a large teaching collection of biological specimens. This collection embraces a wide series of geological specimens, minerals, formations and fossils; an excellent collection of mounted bird skins and smaller collections of mammals, reptiles, amphibians, and invertebrates, besides a number of anatomical preparations and a large series of prepared microscopic slides of plant and animal tissues.

A major in Biology shall consist of course I*ab* and at least fourteen hours selected from the other courses offered below.

Students majoring in this department must take Chemistry I and should also take Organic Chemistry.

I*ab*. Credit hours 8.

GENERAL BIOLOGY consists of a study of the general facts, processes and laws that govern the existence of living things. Both plants and animals will

be studied. Their structure will be observed, their life-history worked out and the life-processes learned. One finds in this course those fundamental facts which make it possible to understand one's own body. The principles of organization and co-operation are also discussed. Two lectures and two laboratory periods a week throughout the year.

II*ab*. Credit hours 8.

COMPARATIVE ANATOMY OF THE VERTEBRATES AND GENERAL EMBRYOLOGY.—In this course the structure of the different types of vertebrate animals is studied and the principles of evolution discussed. In the spring the development of a vertebrate animal from the egg to adult form is followed, the chick being used as the chief example of observation. Two lectures and two laboratory periods a week throughout the year.

III*ab*. Credit hours 6.

ADVANCED BIOLOGY.—Courses in morphology or physiology of plants or in cytology, histology and heredity or in bacteriology will be offered according to the wishes of students who are prepared to take them. Three hours a week throughout the year.

IV*ab*. Credit hours 4.

HEREDITY AND EVOLUTION.—Lectures and assigned readings on the subject of inheritance and the question of improving a race. This leads into the consideration of the evolutionary theory. Two lectures a

week throughout the year. Open to Juniors and Seniors or to those who have had General Biology.

V*b*. Credit hours 3.

CONQUEST OF DISEASE WITH LABORATORY WORK IN BACTERIOLOGY.—A study of some of the common prevalent diseases, with special emphasis upon prophylaxis, anaphylaxis and preventative medicine. A study of some of the more common non-pathogenic bacteria, which are illustrative of the various types, is taken up in the laboratory. The process of fermentation, sterilization and the various industrial applications of bacteria and bacterial products are taken up both in laboratory and class. Three lectures or six hours of work in the laboratory are required. Second half year. Will not be given in 1922-1923.

AGRICULTURE

VI*ab*. Credit hours 6.

CARE OF FARM ANIMALS.—This course will deal with the principles of feeding, judging and breeding of farm animals. During the winter and spring especial attention will be given to poultry and to dairying. Laboratory and practical work is conducted. Open to students who have had Biology I. Given in alternate years with Course VII. Will be given in 1921-1922.

VII*ab*. Credit hours 6.

SOILS, CROPS AND FARM MANAGEMENT.—An introduction to the geology of soils. The principal soil-

forming minerals and rocks will be considered in their effects in determining soil characteristics. Fertility of the soil and its management will be studied in relation to crops and general farm management. The course will be given in alternate years with Course VI. Not given in 1921-1922.

Chemistry

The Chemistry Department is located in two large rooms and a smaller advanced laboratory in Memorial Hall, the whole furnishing satisfactory laboratory facilities for fifty students. The laboratories are supplied with water, gas, light, electricity and compressed air. Up-to-date apparatus has recently been increased materially, and all necessary requirements for accurate and efficient analyses are at hand. An exhibit of various commercial chemical products and raw materials has been started and will be enlarged. Recent chemical journals and a chemical library of over 150 volumes give a valuable working reference library. The full amount of chemistry necessary for pursuing a medical course or entering industrial chemistry is offered.

A major in Chemistry shall consist of the following Courses: I, II, III, IV, V. A student pursuing this major must also take Physics I and is advised to take Mathematics II and III.

I*ab*. Credit hours 8.

GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and

their compounds. The laboratory work takes up the preparation and study of the properties of the common elements and their compounds. Required Freshman year of all students electing the Chemistry, Physics and Mathematics, Biology and Home Economics Groups. No credit will be given for a half year's work in this course. Two lectures or recitations and two laboratory periods per week, the entire year.

Text.—McPherson and Henderson, A Course in General Chemistry.

II*ab*. Credit hours 8.

QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and three laboratory periods each week. Prerequisite, Chemistry I. All year for students electing the Chemistry Group.

Text. — Baskerville and Curtman, Qualitative Analysis.

III*b*. Credit hours 4.

QUANTITATIVE ANALYSIS.—A thorough study of the methods used in Gravimetric, Volumetric and Electro-Analysis and the analysis of substances by the above methods. Lectures, laboratory and stoichiometric exercises. Two lectures and six hours laboratory each week. Prerequisites, Chemistry I and II. Second term.

Text.—Mahin, Quantitative Chemistry.

IV*ab*. Credit hours 8.

ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and two laboratory periods of three hours per week. This course is required of all students majoring in Chemistry and will be essential to students of medicine. All year.

Text.—Norris, Organic Chemistry.

V*ab*. Credit hours 8.

ADVANCED QUANTITATIVE CHEMISTRY.—This is a continuation of Course III, and consists of the analysis of minerals, oils, fuels, water, iron, steel and alloys and agricultural products. Laboratory and lectures. Throughout the year.

VI*a*. Credit hours 4.

CHEMISTRY OF FOOD AND NUTRITION.—This course comprises a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials, are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry I. Four hours. First half year.

Text.—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except Course IV, one laboratory period consists of two and one-half actual hours.

A breakage deposit of $3.00, which is included in the term fee, is required of all students in the Chemistry Department.

Education

It is the purpose of this department to offer courses that will meet with the approval of the State Department of Education and that will warrant the issuance of the High School Teacher's Certificate "A" —the highest type granted. The standard requirements for this certificate are: graduation from an "A" college and credit for 216 recitation periods of 60 minutes each distributed over the following courses:

General Courses

I. Psychology (General); Educational Psychology; Adolescent Psychology; Educational Measurement.

II. Principles of Secondary Education; Class Room Management.

III. Sociology; Educational Sociology; History of Education; Sanitation or School Life Hygiene.

Special Courses

Observation; Special Methods; Practice Teaching.

Credits must be offered in I and II, North Carolina School Law, and Practice Teaching.

I*a*. Credit hours 3.

HISTORY AND PRINCIPLES OF SECONDARY EDUCATION.—This course covers a brief general survey of the educational theories of the past in order to throw light on our present day principles and tendencies. It treats of the origin and development of our public school system and points out what society has demanded of the public school system and how these demands are found imbedded in present educational practice as well as how and to what extent the school reflects the life of the people for whom it exists. It concludes with a careful consideration of some of the applications of modern educational theory and practice.

II*b*. Credit hours 3.

SPECIAL METHODS OF TEACHING.—While this course is intended primarily for those who plan to make high school teaching a profession, its applications may be applied to elementary school work to advantage. It includes a preliminary study of the nature of high school pupils, the qualifications of the teachers and the practical problems and methods of teaching high school subjects. A typical subject, such as special methods in teaching English, is used as the basis of the work of this course, though other subjects are developed with sufficient detail to give the student an extensive background for the later needs of the class room. As indicated, this course is intended to be extremely practical and to furnish the young teacher with many of the details of class instruction without

which years of experience would be necessary to work out for himself. Second half year, Junior year.

III*a*. Credit hours 4.

EDUCATIONAL PSYCHOLOGY.—The prime aim of this course is to acquaint the student with adolescent child nature and capacities. As a background for this study a general survey of earlier child nature and capacities is taken up at the beginning of the course. This is followed by a more detailed consideration of original tendencies, impulses, and mental characteristics of the adolescent period, laws of learning, individual differences in high school pupils, exceptional children, and such topics as concern the high school teaching problem. First half year, Senior year.

IV*b*. Credit hours 4.

SCHOOL ADMINISTRATION.—This course is designed primarily to meet the needs of those students who plan to become high school principals, supervisors and superintendents, though the principles upon which the work is based may be employed to advantage by students wishing to enter the field of elementary school administration. Problems of school finances, grading and promotion of pupils, retardation and its remedies, medical inspection, courses of study, vocational education, school programs, teachers' meetings, supervision, organization and systematizing school routine, elimination of waste, proper distribution of the teaching load, effective chapel exercises, high school student organizations, maintaining school morale, stu-

dent government (to what extent practical and to what extent impractical) are some of the many topics discussed from the standpoint of actual experience in high school work. This course should be extremely helpful to students wishing to immediately take up positions as high school principals or supervisors. A careful study of North Carolina School Law is included in this term's work. Required for certification. Second half year, Senior year.

Note.—Six half term hours of practice work will be required of all students electing the full course in Education, the practice work to be distributed over the two years allotted to the course.

Occasional theses and reports are required in all courses.

Vc. Credit hours 3.

RURAL EDUCATION.—This course deals with the general problem of rural education and is planned to meet the needs of teachers preparing to enter upon the work of teaching in rural communities. Many of the problems of the rural school will be considered —recent development and present status of rural education, professional direction and supervision, rural leadership, and rural community school, rural continuation schools, rural school and community recreation and kindred topics. This course will be offered as an elective in 1921-1922. Second half year.

English

English I*a* and I*b* are required of all Freshmen; English II*a* and II*b* are required of all Sophomores. These two courses are prerequisite for all other courses in English.

Any student, although having completed the work usually required in English, must take more work suited to his needs, provided any department, supported by the Department of English, reports that student as habitually using poor English, either written or spoken.

A major in English shall consist of the following courses: I, II, and twelve additional hours in the courses outlined below. A student pursuing this major must also take History II and Latin I and II, and two years' work in one of the following departments: French, Spanish, History or Political Science.

I*ab*. Credit hours 8.

ENGLISH COMPOSITION COURSE.—The first quarter is devoted chiefly to eliminating elementary faults in the construction of sentences and of paragraphs. Correct expression is insisted upon as essential. The remaining work of the year consists in reading with analysis by outlining, and in theme writing. These courses place special emphasis on the writing of exposition, though some practice is given in the writing of descriptions and of short stories. All students are requested to secure Webster's Collegiate Dictionary, by Merriam Company, provided they do not already have a satisfactory one. A minimum of collateral

reading will be required. Four hours a week throughout the year.

II*ab*. Credit hours 4.

Sophomore English Literature.—A historical outline of English Literature from Chaucer to Tennyson. The purpose of the course is to train the student to read with rapidity and with intelligent appreciation. A comprehensive view of English literature as a preparation for the more detailed study in the elective courses of the Junior and Senior year is given. The chief authors read are Chaucer, Spenser, Shakespeare, Milton, Swift, Wordsworth, Byron, Tennyson, Carlyle, and Ruskin. Prerequisite, English I*a* and *b*. Two hours throughout the year.

III*b*. Credit hours 2.

Modern Novel and Drama.—A brief survey of the development and modern tendencies of novel and drama. Reading from Conrad, Bennet, Galsworthy, and Howells, Shaw, Ibsen, Pinero, Jones, Barrie, Wilde, Synge, and Lady Gregory. Prerequisite, English II*ab*. Second half year.

IV*ab*. Credit hours 6.

Nineteenth Century Poetry.—Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Landor, Tennyson, Browning, Rossetti, and Clough. Prerequisite, English II*a* and *b*. Three hours a week throughout the year; either semester's work may be taken separately for credit.

Not offered in 1921-1922.

V*a*. Credit hours 3.

SHAKESPEARE.—A brief survey of the development of the Elizabethan drama and an analysis of a number of Shakespeare's plays. Prerequisite, English II*a* and *b*. First half year.

VI*b*. Credit hours 3.

THE ENGLISH NOVEL.—Jane Austen, Thackeray, Dickens, George Eliot, Meredith, Reade, Stevenson, and Hardy. Second half year. Prerequisite, English II*a* and *b*.

VII*b*. Credit hours 2.

ADVANCED COURSE IN GENERAL WRITING.—The work is mainly expository, including a study of critical and familiar essays, but students may take a part of their time for the practice of any form in which they are interested. Second half year. Prerequisite, English I*a* and *b*.

VIII*a*. Credit hours 2.

AMERICAN LITERATURE.—A survey of the colonial period and a study of representative works of Irving, Cooper, Bryant, Poe, Hawthorne, Emerson, Lowell, Holmes, Whitman, Longfellow, and Whittier. First half year. Prerequisite, English II*a* and *b*.

IX*a*. Credit hours 2.

DEBATES.—The purpose of this course is to give training in the theory and practice of debating. Special attention is given to the making of briefs.

Current social, political and economic questions are debated in class. Text-book and class debates. Class limited to sixteen students. Open to all college students. First half year. Elective only.

French

A major in French shall consist of Courses I, II, III, IV, and V (24 hours). A student pursuing this major must also take one of the following: Advanced English, 6 hours; Latin, 16 hours; German or Spanish (exclusive of Course A), 12 hours; History in addition to the Sophomore course, 12 hours; courses from the Political Science department, 12 hours.

A*ab*. Credit hours 8.

Open to Freshmen and to preparatory students who have successfully completed Preparatory French. Grammar, conversation and dictation.

Texts selected from: Halévy, "L'Abbé Constantin"; Malot, "Sans Famille"; "Contes Bleus"; Labiche et Martin, "Le Voyage de M. Perrichon".

I*ab*. Credit hours 8.

Prerequisite, Course A. Careful study of grammar. Oral and written reproduction of selected passages of texts read.

Texts.—Bruce, "Grammaire Française"; Lamartine, "Jeanne d'Arc"; Hugo, "La Chute"; Pailleron, "Le Monde où l'on s'ennuie"; Buffum, "French Short Stories".

II*ab*. Credit hours 4.

Prerequisite, Course I. Advanced course in reading, composition and conversation. Not offered 1921-1922.

III*ab*. Credit hours 4.

A brief survey of early French literature and study of seventeenth century literature with special emphasis upon Corneille, Molière and Racine.

IV*a*. Credit hours 2.

Study of eighteenth century literature with special emphasis upon Voltaire, Rousseau, Beaumarchais and Marivaux.

IV*b*. Credit hours 2.

The Romantic School.

V*ab*. Credit hours 4.

Study of modern French literature with especial emphasis upon Flaubert, Maupassant, Daudet, Anatole France, Bourget, Rostand and Maeterlinck. Not offered in 1921-1922.

For those who have completed Courses II and III as outlined in the catalogue of 1919-1920 special courses, if desired, will be arranged for the year 1921-1922.

Geology

I*ab*. Credit hours 6.

The principles of general geology. Three hours per week throughout two semesters. The work of the first semester deals with structural geology and earth processes, that of the second with historical geology and the study of fossil remains. Throughout the course the dynamic viewpoint of geology will be emphasized. Two lecture periods and one laboratory, field or museum period per week.

Text.—Chamberlain and Salisbury, A College Text-book of Geology.

German

Students wishing to qualify for German I must offer two units of entrance work in the language or a certificate of one year's work in a college.

A*ab*. Credit hours 8.

Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

Texts.—Joynes and Wesselhoeft, German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee; Hillern, Höher als die Kirche; or equivalents. Second semester a simple prose text. Four hours a week.

I*ab*. Credit hours 8.

Prerequisite, Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

Texts.—Wilkommen in Deutschland; Im Vaterland; Goethe, Herman und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug, or equivalents. Four hours a week.

II*ab*. Credit hours 6.

Prerequisite, Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

Texts.—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

III*ab*. Credit hours 6.

An advanced course in German literature open to those who have completed Course II.

Greek

A major in Greek shall consist of 26 credit hours of Greek. A student pursuing this major must also take 16 credit hours of Latin and two years' work in French or German.

I*ab*. Credit hours 8.

The first term in the study of Greek is devoted to learning the forms of the language, and doing easy

exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II*ab*. Credit hours 6.

In the second year, the third book of the Anabasis and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III*ab*. Credit hours 6.

During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

History

A major in History shall consist of three full year courses, including History III, selected from those listed below. A student pursuing this major must also take course I*ab* in the Department of Political Science. He is advised to take one year of advanced English or two years of Latin.

I*ab*. Credit hours 6.

MEDIÆVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in

the library and reports on special topics form an essential part of the course. Three hours a week. One year. Given in alternate years. Not given in 1921-1922.

II*ab*. Credit hours 6.

ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as a requirement of Sophomores. Given in alternate years. Will be given in 1921-1922.

III*ab*. Credit hours 6.

AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. The social, political and economic development of the United States from the Colonial Period through the expansion of America into a World Power will be studied. Text-books will form the basis of the course, but broad readings, reports, lectures and discussions will form the major part of the work. Three hours a week throughout the year. Required in the Political Science Group; elective in Junior or Senior year in all other groups. Given in alternate years. Not given in 1921-1922.

IV*a*. Credit hours 4.

AMERICAN GOVERNMENT.—The purpose of this course is two-fold: to prepare students for more advanced study of government and to make them more intelligent citizens. The course deals with the origin, structure and development of national, state and local governments in the United States. Sophomores, Juniors, Seniors. Open to those who have had American History. Four hours a week, first half year.

IV*b*. Credit hours 4.

COMPARATIVE GOVERNMENT.—This course offers a comparative study of the constitutions and forms of government of the United States, England, Germany, France and Switzerland. Text-book and lectures. Juniors and Seniors. Second half year.

Home Economics*

The courses in Home Economics are designed to give the students practical scientific training in the most efficient and modern methods of meeting problems which confront women in the home, or to equip them for teaching the subject. Courses in related sciences are given in connection with the work of this department which will enable the student to become sufficiently trained in technical subjects to teach, to engage in community work, or to act as matron or housekeeper in a public or private institution. Among these courses are Chemistry VI, a course in food chem-

* These courses are outlined as they were given in the year 1920-'21.

istry; and Biology V, which deals with the physiology of the digestive system, bacteriology and sanitation.

These courses as well as a course in general chemistry are required of all students specializing in Home Economics.

The laboratories, a suite of three rooms, including a cookery laboratory, three large pantries, a dining room, and a sewing laboratory, are large and well lighted, and are entirely adequate to the needs. They are fully equipped, providing to each student opportunity for individual work.

A major in Home Economics shall consist of all the courses listed below or their equivalent. A student pursuing this major must also take Chemistry VI and Biology V.

I*a*. Credit hours 2.

FOODS AND COOKERY.—This course includes a general survey of the principles of cookery. The five food principles are studied in detail, and practice is given in the cooking of those foods which serve best as illustrations. The course includes, also, a study of the history of foods, their growth and manufacture. The class prepares and serves two meals. Four hours laboratory per week. Sophomore year, first half year.

II*b*. Credit hours 2.

CLOTHING AND TEXTILES.—In this course instruction is given in hand and machine sewing; knitting. darning and patching. Simple garments, including

underwear, bungalow aprons, and house dresses are made. Four hours laboratory per week, second half year, Sophomore year.

III*a*. Credit hours 2.

HOME PROBLEMS.—This course includes instruction in the various problems relating to the home. It deals particularly with the following: House cleaning; emergencies that may arise in the home; first aid methods; the causes and prevention of contagious diseases; laundering of cotton, linen, woolen and silk fabrics. Two hours recitation per week. First half year, Sophomore year.

IV*b*. Credit hours 2.

ART APPRECIATION.—This course includes a general survey of the fields of architecture, sculpture and painting from ancient to modern times. Study is made also of principles involved in city planning, house decoration and costume design. Two hours per week recitation. Second half year, Sophomore year.

V*a*. Credit hours 2.

CLOTHING AND TEXTILES.—A continuation of previous work in clothing. Garments more difficult in design and construction. A study of textiles gives primitive forms of textile industries; their later development; characteristics of cotton, linen, woolen and silk fibers. These facts are applied to purchasing of fabrics; to laundering of fabrics. Four hours laboratory per week. First half year, Junior year.

VI*b*. Credit hours 2.

FOODS AND COOKERY.—A continuation of previous courses in Cookery, with emphasis on menu making and table service. Four hours laboratory work per week. Second half year. Two hours credit. Junior year.

VII*a*. Credit hours 2.

HOUSE PLANNING.—A study of the evolution of the house; making of plans for modern houses; convenience and use of individual rooms; finish of wood work and walls; principles of decoration. Two hours per week of recitations. First half year, Junior year.

VIII*b*. Credit hours 2.

HOME SANITATION.—This course includes a study of the fundamental principles of sanitation as relating to a home. It deals particularly with the following problems: Selection of site for the house; situation of the house; care of the house with special reference to plumbing, heating, lighting and ventilation; destruction of household pests. Two hours per week of recitations. Second half year, Junior year.

IX*a*. Credit hours 2.

DIETETICS.—This course includes a study of the nutritive value of foods, with particular reference to the feeding of the individuals of different ages from childhood to old age. Dietaries for invalids and for those suffering from diseases requiring special feeding are planned and prepared. Four hours laboratory work per week. First half year, Senior year.

X*b*. Credit hours 2.

Dressmaking and Millinery.—Drafting of patterns; use of commercial patterns; characteristics of various fabrics and their suitability for various types of clothing. Making of shirt waist, house and afternoon dress. Work in millinery includes making of frames for hats; covering frames; trimming; retrimming of old hats. Four hours laboratory work per week. Second half year, Senior year.

XI*ab*. Credit hours 4.

Methods in Home Economics.—This course includes a study of applied Home Economics from two viewpoints: (1) In the home. This deals with the correct apportionment of the family income; efficiency in management. Each Senior spends a certain length of time in practice housekeeping in the model cottage. (2) In the school. A study is made of the Home Economics movement; the development of the work and its introduction into our schools, colleges, and universities. Courses of study are planned for various types of schools. Each Senior is required to do practice teaching. Two hours recitation per week. Throughout the year, Senior year.

Latin

The purpose of this department is to familiarize the student first with Latin literature of the Augustan period and later with the Latin language as the vehicle of daily intercourse. Ease and accuracy in translations and a mastery of the general structure

of the language are insisted upon. To accomplish this end, drills in idioms and inflections and practice in sight translations, oral and written, are frequent.

A major in Latin shall consist of four full year courses from those listed below. A student pursuing this major must also take two years of Greek.

I*a*. Credit hours 3.

LIVY.—This course embraces two books of Livy. Rapid reading and sight reading in easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Three hours a week. First half year. Freshman.

II*b*. Credit hours 3.

TACITUS.—This course embraces the Germania and Agricola. The Germania is studied for its intrinsic value as history; the Agricola is studied as history and as a biography. The Agricola of Tacitus and the Poet Archias of Cicero are studied as masterpieces in Latin literature. Three hours a week. Second half year. Freshman.

III*ab*. Credit hours 2.

PROSE COMPOSITION.—Required in Freshman year of all persons in Groups AI and AII and of all persons electing Latin I and II. One hour a week. Throughout the year.

IV*a*. Credit hours 4.

SELECTIONS FROM VIRGIL.—This course embraces Georgics I and IV, and selections from the Æneid. In this course it is intended to set forth the principles

upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrating Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Second half year.

V*a*. Credit hours 4.

SELECTIONS FROM OVID AND PROPERTIUS. — This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. First half year.

VI*b*. Credit hours 4.

HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Second half year.

VII*a*. Credit hours 4.

CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. First half year.

VIII*a*. Credit hours 3.

ROMAN COMEDY.—This course embraces the Captive and Trinumus of Plautus, the Phormio and Adelphoe of Terence, and is intended to give the student an idea of the fundamental qualities of Roman Comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Occasional lectures on Roman private life will be given. Three hours a week. First half year.

IX*b*. Credit hours 3.

TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Second half year.

Mathematics

A major in Mathematics shall consist of courses I, II, III, and IV. A student pursuing this major must also take Physics I.

I*a*. Credit hours 5.

COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes logarithms, progressions, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction of the theory of equations. Required of all Freshmen. Five hours. First half year.

Text.—Wells' College Algebra.

I*b*. Credit hours 3.

SOLID GEOMETRY.—Required of all Freshmen who do not present it for entrance. Three hours. Second half year.

Text.—Wentworth and Smith.

I*c*. Credit hours 2.

PLANE TRIGONOMETRY.—Derivation of formulae with their application; trigonometric equations; solution of right and oblique triangles; problems involving practical applications. Required of all Freshmen. Two hours. Second half year.

Text.—Wells' New Plane Trigonometry.

II*a*. Credit hours 4.

ANALYTIC GEOMETRY.—Discussion and construction of loci; the straight line; circle; parabola, ellipse and hyperbola; polar co-ordinates; tangents; also geometry of three dimensions, including the curve in space, the plane and quadratic surfaces. Four hours a week. First half year.

Text.—Smith and Gale's New Analytic Geometry.

II*b*. Credit hours 4.

ANALYTIC GEOMETRY AND MECHANICAL DRAWING.—The Analytic Geometry described in II*a* is continued two hours a week and two hours a week is given to mechanical drawing. Second half year.

III*ab*. Credit hours 8.

DIFFERENTIAL AND INTEGRAL CALCULUS.—Differentiation and integration of algebraic and transcendental functions; areas, volumes, and surfaces; infin-

ite series; maxima and minima; properties of curves and radius of curvature; numerous applications to geometry; physics, chemistry and engineering. Required of all students electing the Mathematics and Physics Group. Prerequisite, Mathematics II. Four hours throughout the year.

Text.—Granville.

IV*ab*. Credit hours 8.

DIFFERENTIAL EQUATIONS.—The solution of ordinary and partial differential equations of the first and higher orders. Geometrical, mechanical, and physical applications. Prerequisite, Mathematics III. Three hours throughout the year.

Text.—Murray's Differential Equations.

V*b*. Credit hours 3.

SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit, and level. Stadia and plane table work. The use of the solar attachment. Re-surveys. Laying out and dividing land. Profile leveling and establishing grades. Computation of areas. Correct forms of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Prerequisite, Mathematics I*c*. Three hours. Second half year.

VI*a*. Credit hours 2.

DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of astronomy and offers an elementary explanation of the methods by which the dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained.

A telescope, solar transit, students' spectrometer, and sextant enable the students to supplement their work with observations as required. Two hours. First half year.

Philosophy

I*a*. Credit hours 3.

PSYCHOLOGY.—A course in general Psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. First half year. Required of all Juniors.

Text.—James' Psychology, Briefer Course.

II*a*. Credit hours 3.

HISTORY OF PHILOSOPHY.—This course begins with a study of Greek Philosophy with especial attention given to Plato and concludes with an outline of modern theories of idealism. Representative thinkers in each of the main systems of philosophy are reviewed, and application is made to present day problems.

The text-books used are: Weber, "History of Philosophy," and Royce, "The Spirit of Modern Philosophy." Lectures, discussions and a thesis. Senior or Junior year. Three hours. Second half year. Offered in alternate years. Will be offered in 1921-1922.

III*b*. Credit hours 3.

ETHICS.—In this course the trend of Christian ethics is considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned

readings, together with text-book and a theme on some phase of ethical study. Three hours. Junior or Senior year. Second half year. Offered in alternate years. Will be offered in 1922-1923.

IV*b*. Credit hours 2.

LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Second half year.

Text.—Jevon's Lessons in Logic.

For other courses, see Department of Education.

Physics

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall.

A major in Physics shall consist of three full year courses, including I*ab* and II*ab*, selected from those listed below. A student pursuing this major must take Mathematics II and III.

I*ab*. Credit hours 8.

GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisite, Plane Trigonometry. Three lectures and recitations and two two-hour laboratory periods each week throughout the year.

No credit will be given for less than a year's work.

Text.—Kimball, College Physics.

II*ab*. Credit hours 6.

ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites, Physics I or an equivalent and Plane Trigonometry. Three hours throughout the year—lectures, problems, recitations, laboratory.

Text.—Timbie, Elements of Electricity.

III*a*. Credit hours 3.

MOLECULAR PHYSICS.—This course is a study of molecular motions and magnitudes. Prerequisite, Physics I. Lectures and recitations. First half year. Not offered in 1921-1922.

III*b*. Credit hours 3.

THEORETICAL MECHANICS.—During the first quarter the subject is developed historically. During the second quarter a more detailed study is made of problems in statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, Physics I. Lectures and recitations. Second half year. Not offered 1921-1922.

IV*a*. Credit hours 3.

THEORY OF IONS AND ELECTRONS. — The dissociation theory in relation to primary cells and electrolysis, conduction of electricity through gases, radioactiv-

ity and X-rays. Prerequisite, Physics I. Lectures and recitations. First half year.

IV*b*. Credit hours 3.

ELECTRIC WAVES.—Production and reception of damped and undamped waves with a special study of the three-element vacuum tube. Prerequisite, Physics I. Lectures, recitations and laboratory. Second half year.

Political Science and Economics

I*ab*. Credit hours 6.

ECONOMICS.—The purpose of this course is to give the fundamental principles underlying our industrial life. The course is based upon the study and discussion of a text-book supplemented by lectures and assigned readings on current economic problems. Juniors and Seniors. Three hours throughout the year.

II*a*. Credit hours 3.

POLITICAL SCIENCE.—The purpose of this course is to furnish an introduction to the study of the nature, origin, and evolution of the state, the more important political theories and the organization and operation of government.

Text-book, assigned readings and reports. Juniors and Seniors. First half year. Omitted 1921-1922.

III*a*. Credit hours 3.

SOCIOLOGY.—The purpose of this course is to furnish an introduction to the study of society. A study

is made of the development of modern social institutions and attention is given to a consideration of social forces, social processes, policies and principles. Textbook, assigned readings, lectures and reports. Juniors and Seniors. First half year.

For other courses, see Department of History and Department of Education.

Religious Education

I*a*. Credit hours 3.

THE CHURCH SCHOOL.—A study will be made of the organization and administration of the Sunday school. Special attention will be given to the departmental school, making local application where possible. In addition a study will be made of the necessary equipment, methods of keeping records and measuring the growth and development of the school. Three hours first semester. This course will not be given in 1921 unless ten or more students elect it.

II*a*. Credit hours 3.

TEACHING THE SUNDAY SCHOOL CLASS. — This course will make a study of the art of teaching a Sunday school class, including a study of the material to be used and the equipment required. There will also be a study of the story and its use in the Sunday school, with practice work in the class, and a study of the methods for training the devotional life. Three hours first semester.

III*a*. Credit hours 3.

THE RURAL COMMUNITY.—A study will be made of the conditions that confront the rural communities. The study will face the moral, religious, social and educational problems of rural and village life. As far as possible the conditions prevailing in North Carolina will form the base of the study, and all through the course the point of view will be that of the churchman. Three hours first semester.

IV*b*. Credit hours 3.

THE PASTOR AND HIS WORK.—This course will include a study of the organization of the church for work in the community from the pastor's point of view. A large section of the course will be a study of the sermon and its construction. Practice work will be required in the class room. Three hours second semester.

V*b*. Credit hours 3.

FOREIGN MISSIONS.—This course includes a study of the religions, history of Christian Missions, missionary methods and biography of the different fields as they are presented. The course will consist of required readings, lectures and reports. Three hours second semester.

VI*b*. Credit hours 3.

HISTORY OF QUAKERISM.—This course deals with the history of the Society of Friends from the time of George Fox up to the present. Attention will be given to the conditions in England and America pre-

vious to the time of Fox. The various periods of Quaker history will be studied, including the founding of Pennsylvania, the migrations west, the separations, and the modern tendencies. Three hours second semester.

Spanish

The aim of this department is to give the student a knowledge of written and spoken Spanish not only for commercial purposes, but literary as well.

From this standpoint, the student is enabled to gain a two-fold knowledge of the language, by studying the life, customs and industries of our gifted neighbors on the south, and the best known works of the authors from the mother country, Spain. Both phases are emphasized in order to meet the desires of all.

No previous knowledge of Spanish is required for entrance to Course A.

A*ab*. Credit hours 8.

A course for beginners, consisting of conversation, grammar, oral and written exercises and the reading of simple Spanish prose.

Texts.—Brief Spanish Grammar, Ingraham and Edgren; A Trip to Latin America, Fuentes and François; Easy Spanish Plays, Henry; El Capitán Veneno, Alarcón.

I*ab*. Credit hours 8.

Prerequisite, Course A or a two-year high school course. Four hours per week.

Grammar and composition, readings in prose and poetry.

Texts.—Spanish Reader, De Vitis; La Hermana San Sulpicio, Valdés; La Mariposa Blanca, Selgas; Marianela, Goldós; El Pájoro Verde, Valera; Gil Blas, Lesage, traducida por il Padre Isla.

MUSIC

It will be the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged which will tend to cultivate the taste, develop the mind and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

For entrance to the courses leading to a music diploma the following work is required:

English	3 units
Mathematics	2 units
Language	3 units
History	1 unit
Music	2 units
Elective	3 units
	14 units

Diplomas are given to those who complete the courses.

Credit toward the bachelor's degree to the amount of not more than eight hours will be allowed for work in the Junior and Senior years in Piano and Voice. This credit will not be allowed except upon the recommendation of the instructor in charge.

Piano

This course covers a period of four years.

The attention of the student is called to the fact that there are extra charges in the Music Course. For tuition expenses in this department, see page 110.

An outline of the work required for a diploma in music is given below. Students who are taking the collegiate work leading to a bachelor's degree will be required to do only the music given in this outline. Students who are not planning to take a bachelor's degree must do all this work before receiving a diploma.

FRESHMAN		SOPHOMORE	
English	8	English	4
French	8	French	8
Elective	8	History	8
Theory	2	Harmony	4
Piano	8	Sight Singing	4
		Piano	6
	34		34
Required practice per week, 10 hours.		Required practice per week, 12 hours.	

JUNIOR		SENIOR	
English	6	German	8
German	8	Counterpoint	4
Psychology	8	Piano	12
Harmony	2	Bible	8
History of Music	2		
Piano	8		
	34		32
Required practice per week, 12 hours.		Required practice per week, 14 hours.	

Freshman

Special attention will be given to hand position, the proper use and control of fingers, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

Sophomore

Finger and wrist exercises, scales taught in contrary and parallel motion, grouping by accents or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Selected studies from Czerny, Burgmüller, Loeschhorn, Op. 65, Bach's Two Part Inventions.

Junior

Technical exercises. Scales in double thirds and sixths.

Studies by Bertini; Heller, Op. 47 and 45; Czerny, Op. 299; Bach; Loeschhorn, Op. 66; Czerny's "Legato and Staccato"; Sonatinas and easier Sonatas by Haydn, Mozart, Beethoven.

Mendelssohn's "Song Without Words."

Pieces by Handel, Jensen, Godard, Grieg, Raff, Henselt, Saint-Saens, Chopin, Schubert and others.

Senior

Technical exercises.

Studies of Cramer, Clementi's Gradus ad Parnassum, Bach's Well-Tempered Clavichord, Kullak's Octaves, Beethoven's Sonatas, Chopin's Etudes.

Pieces by Weber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concertos by Beethoven, Mendelssohn and others.

Upon the satisfactory completion of the regular four years' theoretical and literary course, together with the four years' course in piano, the candidate for a diploma must satisfactorily perform programs conforming to the following schedule:

A concerto of advanced difficulty, a Beethoven sonata, selections from the more important works of Schumann, Chopin, Grieg, and composers of the modern schools.

Vocal

The course covers a period of three years and comprises a thorough study of the correct principles of voice production and art of singing. Relaxation, breathing, and tone placing, ease of tone production and refinement of tone are insisted upon. Simple exercises for the placing and development of the voice are used, such as parts of scales, scales, arpeggios, and selected vocalises. Special attention is given to diction in English, Italian, German and French, as well as to artistic interpretation.

For graduation from the Vocal Department, the student is required to take an examination in Piano, Theory, Harmony, and Musical History.

FIRST YEAR

Vocalises: F. Sieber, Op. 92-97 for corresponding voices; Concone, Op. 9, and similar studies.

Repertoire: Songs will be selected mainly from folk songs and classical repertoire. Small songs like the following may be given for examination at the end of the first year: Folk Songs; "The Blue Bells of Scotland"; "All Through the Night" (Welsh Air); "Drink to Me Only With Thine Eyes" (Old English); Mendelssohn, Op. 9, No. 5, "In Autumn"; Op. 8, No. 7, "May Song"; Op. 99, No. 3, "The Favorite Spot"; Weber's "Cradle Song".

Second Year

Technique: The technical work of the second year is the logical continuation of the first year's work. Ease of production, quality of tone, range and power are developed, bad habits are overcome, and correct ones acquired.

Vocalises: In addition to the material given in the first year, there should be added: "Salvatore Marchesi," Op. 15, twenty elementary and progressive vocalises; Concone, Op. 10, twenty-five lessons.

Repertoire: Songs like the following should be satisfactorily rendered at the examination: MacDowell's Op. 47, No. 1, "The Robin Sings in the Apple Tree"; Mendelssohn's Op. 71, No. 3, "To the Distant One"; Op. 47, No. 6, "By the Cradle"; Franz, Op. 5, No. 5, "Maid with Lips Like Roses Blooming"; Op. 9, No. 3, "Entreaty"; Schumann's Op. 127, No. 2, "Thy Lovely Face"; Op. 79, No. 14, "Ladybird".

To the repertoire of the second year should be added also the anthology of Italian song of the seven-

teenth and eighteenth centuries as bases of study in voice development and in old Italian style, which is the foundation of all singing schools.

THIRD YEAR

Technique: With normal development, the voices will differentiate more and more, and greater discrimination than in the preceding years will be found necessary in selecting exercises and songs for high, medium and low voices.

Vocalises: Bordogni, twenty-four easy vocalises; Parofka, Op. 81, Book 2.

Repertoire: Songs of the Romantic and Modern Schools as well as Classical Schools should be studied with great thoroughness and care, and songs from Handel, Schubert, Beethoven, Mendelssohn, Schumann, Franz, Brahms and modern songs by American, French and German composers are included in this year. Selections from standard oratorios and operas are also studied.

FINAL EXAMINATIONS

The quality of each voice should be good (considering the natural quality of each voice as the standard to go by). Throughout the range of each voice, scales must be sung in piano and in forte, up and down, without showing an abrupt change of quality in changing from one tone to another, nor showing any undue effort in ascending or descending. Throughout the range of the voice, the student should be able to hold each tone and to swell and diminish

it at will. During the second and third year, the student should be able to sing in good English, and also in Italian, German or French with good diction. Special attention will be given to articulation, pronunciation and interpretation.

Sight Singing

The object of this course is to enable the student to sing an ordinary melody at first sight, to know at first sight how music should sound and to write a melody after learning it.

This course is especially for beginners. It begins with the simplest intervals and rhythms and progresses until it includes difficult passages in modern vocal music. Two hours a week.

Text.—Dannhauser, Exercises in Solfeggio, Books I, II and III.

Theory

Acoustics, only those facts which are of the utmost importance to musicians, are considered musical terminology; the orchestra and its instruments; study of rhythm and accent; embellishments; metre; hymn construction; figure treatment; phrasing; melodic construction; song forms; sonata forms; symphony; rondo, concerto; overture; aria form; recitative; canon, counterpoint; figure.

This course gives the student the knowledge to analyze, phrase and teach the various forms of music. One hour a week.

Text.—Elson's Theory of Music.

Harmony

This course begins with the study of intervals and major and relative minor keys. The student then harmonizes a given soprano melody or figured bass, using only principal chords; harmonization of melodies, using the dominant seventh chord, secondary triads, chords of the seventh and ninth; modulations, altered chords; non-harmonic tones; accompaniments; harmonization of chorales. Two hours a week.

Text.—Chadwick's Harmony and Additional Exercises, by Benjamin Cutter.

Violin

Instruction in violin was offered in 1920-1921. Those who wish to take it in 1921-1922 should write to the president of the college in regard to the matter.

PREPARATORY SCHOOL

In order to accommodate some of our patrons who are not in reach of good high schools we are carrying two years of preparatory work to prepare students for the Freshman Class.

A student must submit six units of high school work, including one unit of English and one of Algebra, in order to be admitted to the Preparatory Department.

FIRST HALF YEAR		SECOND HALF YEAR	
English B	5	English B	5
English C	5	English C	5
Primary Latin	5	Primary Latin	5
Cæsar	5	Cæsar	5
Cicero	5	Virgil	5
Algebra B	5	Algebra B	5
Plane Geometry	5	Plane Geometry	5
American History	4	American History	4
Biblical Literature	4	Biblical Literature	4
Science	4	Chemistry A	4

English

B*ab*. English B consists of a study of the construction of the sentence and of the paragraph. Drill in the writing of easy exposition, description, and narration is given. Five classics are read.

This course is required of all students who have had only two years of High School work, and is also required of all students presenting only one entrance credit in English.

Texts.—Hanson's "Two Years' Course in English Composition," Parts II and III; Burroughs, Selected Essays; Julius Cæsar; A Collection of Short Stories; Idylls of the Kings, and Silas Marner.

C*ab.* English C completes the preparation for college work. Constant practice in the various forms of composition is given. Correct expression, grammatical accuracy, and the logical construction of long papers are the chief objects of the course. Five classics are read.

English C is required of all students who have had only three years of High School work and also of all students who have presented only two units of entrance credit in English.

Texts.—Canby and Opdycke, "Elements of English Composition"; Burke's Conciliation with America; Macbeth; Essay on Burns; Essay on Johnson, and Milton's Minor Poems.

Latin

Three years in Latin are given in the Preparatory School.

A*ab.* PRIMARY LATIN.—This is a five hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

B*ab.* CÆSAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books (I-IV). Composition weekly. An effort is made to develop a ready reading knowl-

edge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

C*a*. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at. Oratorical style, historical and biographical setting are considered.

C*b*. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. A thorough drill in syntax is given. Poetic peculiarities and prosody are studied.

French

For those students who wish to offer two units of French for entrance the following provision has been made:

PREPARATORY FRENCH.—Entrance credit, one unit. Open to any preparatory student. Essentials of grammar, conversation. "La Belle France."

FRENCH A.—Entrance credit, one unit. Prerequisite for preparatory students, Preparatory French. Grammar, conversation, dictation.

Texts selected from the following: Halévy, "L'Abbe Constantin"; "Contes Bleus"; Labiche et Martin, "Le Voyage de M. Perrichon"; Malot, "Sans Famille".

Mathematics

ALGEBRA B*ab*. Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

Text.—Wentworth and Smith.

PLANE GEOMETRY.—Prerequisite, Algebra B. Five books and numerous original exercises. Five hours throughout the year.

Text.—Wentworth and Smith.

History

B*ab*. AMERICAN HISTORY.—A course in the history of the American nation is offered to students in the preparatory work. This may be used as an elective in making up the required number of entrance units. Four hours a week throughout the year.

Biblical Literature (Elementary)

A*ab*. A course designed to give preparatory students a comprehensive knowledge of the Holy Scriptures. Thorough instruction will be given in the history, composition, purpose and contents of the Bible. Special attention will be given to the great personalities of the Bible, and throughout the course a sincere effort will be made to instruct the students in the fundamentals of the Christian faith. Certain choice passages of Scripture will be committed to memory. Lectures, discussions and reports. Required

of all preparatory students. First semester, the Old Testament; second semester, the New Testament. Four hours a week.

Science

A*a*. The work in Science during the first half year will consist of general work in science with emphasis upon physics, physiology, physiography or biology, according to the needs of the class and the work they have had before coming to Guilford.

A*b*. CHEMISTRY.—The second half of the year will be devoted to an elementary preparatory course in general chemistry. Recitations and laboratory work. This prepares students for the college work in Chemistry.

THE MUSEUM

The cabinet of natural history specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandott Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archæological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 specimens. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

There are two literary societies for young men, the Henry Clay and the Websterian. They were organized in 1885 and have ever since exercised a strong and helpful influence on college affairs. These two societies occupied rooms in King Hall until that building was burned in 1908. In 1917 the societies moved into two large rooms on the second floor of the Y. M. C. A. building. These rooms have been handsomely furnished and are well equipped for every purpose, both social and literary.

The two societies for young women are the Zatasian and the Philomathean. These societies came into existence when the Philagorean Society was divided in 1908. The rooms occupied by these two societies are on the first floor of Founders Hall, and are beautifully and tastefully furnished.

The four societies meet every week on Friday night. Nearly every student in College belongs to one of them and all members are required to participate in the programs. Much valuable practice is gained in debate, oratory, declamation, extemporaneous speaking, the rendition of vocal and instrumental music, essay writing, and in the rules of parliamentary procedure. Each society conducts annually an oratorical contest.

During the year four formal inter-society receptions are given.

THE Y. M. C. A. AND Y. W. C. A.

The Young Men's and Young Women's Christian Associations of Guilford College were organized in 1889, and have a membership embracing practically the entire student body. Meetings are held every Thursday night and are addressed by students, members of the faculty, and speakers from outside the College. Joint meetings of the two Associations are held Sunday mornings. The Y. M. C. A. meets in the assembly room on the lower floor of the Y. M. C. A. Building and the Y. W. C. A. has a room in Founders Hall especially devoted to its use. A number of outside activities are conducted by committees appointed from these Associations.

Bible classes are held Sunday morning which are led by upper classmen and in which a majority of the students are enrolled. Weekly mission study classes are also conducted. The Associations yearly send delegates to the interstate convention and to the Student Conferences at Blue Ridge.

Committees are appointed by the Associations to meet new students on their arrival and give them every possible assistance. The Associations publish each summer a handbook of information about the College which is especially useful to new students. The social affairs of the College are in the hands of committees appointed by the Associations which work in conjunction with the faculty social committee.

Around the Y. M. and the Y. W. C. A. the religious life of the College centers and from them radiates a

Christian influence which penetrates every phase of college activity.

THE COLLEGE CHORUS

The College Chorus is a mixed choir of fifty voices. The music studied is from the best composers. Each Monday evening at 6:45 the Chorus meets at Memorial Hall for music study. Twice a year an entire musical program is rendered. Director, Mr. White.

THE GUILFORDIAN BOARD

The Guilfordian Board edits and publishes "The Guilfordian," the college weekly. It consists of twelve members elected by the four literary societies. The editor-in-chief, the alumni editor, the business manager and the two faculty advisers are elected by the Board. The Board is provided with a comfortable office room in Founders Hall.

THE ALUMNI ASSOCIATION

The Alumni Association is organized with the following officers: President, A. Wilson Hobbs; vice-president, O. V. Woosley; secretary, L. L. White; treasurer, E. J. Coltrane; registrar, Julia S. White.

The Alumni Association, through its committees, extends aid to the College in various ways. There are committees on Athletics, Campus, Literary Work, Christian Work, and Publicity. A loan fund has been created by the Association for assisting students. Two meetings are held each year, one at commencement and the other in August. The Association pub-

lishes a bulletin in which reports of the year's proceedings can be found.

THE ATHLETIC ASSOCIATION

The Athletic Association has general oversight of the athletic interests of the College. Each student pays an athletic fee which makes him a member of the Association with full athletic privileges, along with the right to attend any athletic contests on the campus without further charge.

All intercollegiate athletics are under the general direction of the Athletic Director and the Faculty Committee on Athletics, working in conjunction with the Athletic Association, a student organization. The managers of the teams are elected by the Athletic Association. The Athletic Council, which decides all important questions relating to athletics and which makes the financial appropriations, is made up of the Faculty Committee on Athletics, the Athletic Director, the officers of the Athletic Association, and the managers of the teams. There is also an Alumni Committee on Athletics.

The major sports are: Track, football, basketball, baseball and tennis, and ample facilities are provided for each of these. All schedules of games must be submitted to the Faculty Committee on Athletics for approval before final arrangements are made.

Athletic contests are promoted for the benefit of bona fide students only, and only such are permitted to represent the College in any athletic contest.

No student shall become a member of any Guilford College team during the Fall Term who registers after October 1st, nor shall any student become a member of a team during the Spring who registers after February 1st.

No student shall participate in any athletic contest who fails to pass at least eight hours of the work of the quarter previous to that in which the contest occurs.

No student shall be eligible for any athletic team who shall have been a member of any of the professional or league teams named in the classes A, B, C, and D in the publication of the National Baseball Commission.

PUBLICATIONS

The Guilford College Bulletin is issued by the College four times a year. Included under this are: The Catalogue, The Alumni Bulletin, the various announcements and reports. These bulletins will be sent free of charge to any one on request.

The Guilfordian is published weekly by a board of editors elected by the four literary societies. Its main function is that of a college newspaper, but it also contains considerable material of a purely literary character. Alumni, old students, and friends of the College find it a valuable means of keeping informed as to what is going on at the College. The subscription price is $1.50 per year. Address all subscriptions to the business manager.

The Quaker is published at irregular intervals of one to two years by the Senior Class. It serves as a class book and also as a complete record in the form of pictures, poems and sketches of the various student activities of the College.

The Y. M. C. A. Yearbook is published during the summer by the Y. M. C. A. It contains all the information about the College affairs useful to new men.

SCHOLARSHIPS, PRIZES AND HONORS

Scholarships

Haverford and Bryn Mawr College each offer annually to Guilford College a scholarship. In selecting members of the Senior Class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account. No one will be considered eligible to these scholarships who has not been a student at Guilford College for at least two years.

HAVERFORD

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of $300.00. The selection is made on the basis explained above.

BRYN MAWR

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of $400.00. The candidate is selected according to the statement above.

BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP

The Bible Teachers' Training School, of New York City, offers a fellowship in their School of Theology to be awarded each year upon recommendation of the faculty of Guilford College, to a member of the graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The fellowship provides board, room and tuition and $50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

MARVIN HARDIN SCHOLARSHIP

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, has endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the Spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

HIGH SCHOOL SCHOLARSHIPS

The Board of Trustees has established tuition scholarships in several high schools of the state. The appointee must be the student, qualified to enter the Freshman class, who has made the highest grades. The appointment is for one year. High schools desiring such scholarship to be placed with them should make application to the College. Only high schools whose standard of work is well established will be awarded such scholarships.

Prizes

LITERARY SOCIETY PRIZES IN ORATORY

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award an orator's prize. This prize is awarded at an oratorical contest which is held by each society some time during the year.

LITERARY SOCIETY PRIZES FOR IMPROVEMENT

Each of the four literary societies awards an improvement prize. This prize is given to the new member making the most improvement during the year.

DECLAMATION PRIZES FOR HIGH SCHOOLS

Each year there is held at the College a declamation contest for high school students. Each high school is entitled to send two contestants, a young man and a young woman. Two prizes are awarded, one

to the successful young man and the other to the successful young woman.

These contests are conducted by the College literary societies in order to stimulate literary society work in the high schools.

Honors

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent in any subject, shall be entitled to "Honors".

Members of the Junior class who receive an average grade of 95 per cent in their major work and do not receive a grade below 90 per cent in any subject shall be entitled to "Special Honors".

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent, shall be entitled to "Highest Honors".

DISCIPLINE

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great care is taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student show little or no inclination to study, or if he fail to co-operate with the faculty in maintaining good order or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed or his parents requested to withdraw him.

Students not members of the Senior or Junior classes, wishing to go to Greensboro or to any place at a distance from the College, must obtain permission from the proper authorities.

The reading of pernicious literature, hazing in any form, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, are considered grave offenses, and treated accordingly.

The effect of tobacco on the minds of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds. If any student persists in using it elsewhere, his standing thereby will be lowered and so entered upon his record.

During the Christmas and Easter vacations no meals will be served at the College and all rooms must be vacated.

EXPENSES

The amounts given below cover the board, room rent, laundry, tuition, registration fee, athletic fee, library fee and lecture fee for the entire academic year of nine months.

Boys living in Cox Hall	$345.00
Girls living on second floor Founders Hall	335.00
Girls living on third floor Founders Hall	325.00
Girls living in New Garden Hall, not including laundry (estimated)	210.00
Boys rooming in Archdale Hall (estimated)	270.00
Boys who are day students	98.00
Girls who are day students	95.00

Students who study Biology, Chemistry, Geology, Physics or Surveying will be charged laboratory fees and those studying Home Economics and Music pay fees in addition to the amounts given above. For these charges see the following pages.

College students taking more than 18 hours of work and preparatory students taking more than 20 hours must pay $2.00 extra for each additional hour.

A deposit fee of $2.00 for women and $5.00 for men is required. After all unnecessary damages are assessed the remainder is returned at the end of the year.

A graduation fee of $10.00 is charged at the end of the college course.

The matron of the College looks after cases of slight illness, but in cases requiring a physician the student is charged for medical attention and nursing.

Thirty per cent of the total charges for the year are due at the beginning of the year, September 13th; 20 per cent on November 16th; 30 per cent at the beginning of the second half year, January 30th, and 20 per cent on March 25th. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid for board will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

Except in special cases, no reduction is made for students who enter college late. No reduction for a fraction of a week will be made.

Laboratory Fees

Laboratory fees not included in the foregoing statements are as follows:

Chemistry A or VI	$ 5.00
Other courses in Chemistry	15.00
Biology	8.00
Geology	4.00
Surveying	1.00
Physics	10.00
Preparatory Science	3.00
Home Economics (8 hours' work)	25.00

Cost of Instruction in Music

Piano, two lessons per week	$60.00
Vocal lessons, two lessons per week	60.00
One lesson a week, in Piano	36.00
Use of Piano for practice, one period daily	10.00
Each additional period	6.00
Certificate for graduation in Music	5.00

Day students taking music only will be charged $75.00 a year.

Students living in the dormitories must take at least one college subject in addition to their music.

Music students who take but one college subject will be charged $45.00 less than the sum of the amount for music and the other college subjects. Music students who take two college subjects will be charged $15.00 less than the total amount for music and other college subjects.

New Garden Hall for Young Women

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the matron of New Garden Hall the actual cost of board in advance. In this way the board will be furnished for about $8.00 or $9.00 per month for each girl. Girls in this Hall may do their own laundry work. If this work is sent to the College laundry, the cost will be $18.00 per year.

Archdale Hall for Young Men

Young men are admitted to this Hall on the following terms: Each one agrees to perform his allotted part in the duties of caring for the building and preparing and serving the meals and to pay to the matron in charge the estimated cost of board in advance. In this way it is possible to furnish board at about $10.00 or $11.00 per month.

Loan Funds

The College is in possession of several funds, the income from which is loaned deserving students. Students who use these funds sign a note which does not bear interest until date of leaving college. The signature of some other responsible person is required. Three of these funds are: The Miles White Beneficial Society Loan Fund, The Philadelphia Fund, and the Richardson Fund, the combined income from which is about $1,200.00 annually. The College Loan Fund consists of the gradual accumulation from payments of former loans. A loan fund has also been created by the Alumni Association.

Ministerial Students

Students who are preparing for the ministry receive free tuition. Such students who ask for the remission of the tuition fee must sign a note which will be cancelled as soon as the signer is recognized or ordained as a minister of the gospel or appointed to

a mission field. Otherwise the note will be in full force and will draw interest.

Self-Help

Guilford offers many opportunities for self-help. It is the aim of the College that no one shall be turned away for lack of means. Many students at the College are now paying a large part of their expenses either by earning or by borrowing money. Some students secure positions as waiters or janitors, while others work on the campus or farm. The opportunity to devote all of one's time to study is, however, worth considerable financial sacrifice and students are not encouraged to do other work unless it is necessary.

Rooms

No extra charge is made for light and heat in the dormitories. All rooms are fitted up with electric lights.

The rooms are comfortably furnished with bed room furniture—single beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels, and napkins.

Any student may retain his room from one academic year to the next by giving due notice of his intention in writing before May 15th. Vacant rooms will be assigned in order of application.

Except a few single rooms in Founders, all are furnished for two students each.

A student may elect to occupy a double room alone. When this is possible, it will be allowed, but the charge will be one-half the regular room rent extra.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services and lectures.

Students after arranging for rooms and board are not allowed to change without the consent of the authorities.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room. Every student must make his bed and put his room in order before 10 o'clock each morning. All rooms will be inspected periodically. Any misappropriation or defacement of furniture or fixtures or any damage to the building will be charged to the occupants of the room where such damage occurs. This includes damage to the walls incurred by driving in tacks or nails. Pictures must be hung on the picture moulding provided for the purpose.

Tampering with the electric lights creates danger of fire, and is therefore forbidden. No student is allowed to use a lamp of higher candlepower than 25-watt Mazda.

GENERAL INFORMATION

Students are met at the Guilford College station, on the railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station a moderate charge will be made to students, members of the faculty, or visitors.

On arriving at the College at the beginning of the term, young men should go to the governor's office in the center section of Cox Hall and make arrangements for occupying the room which has been assigned to them. Young women should see either the governess at Founders Hall or the matron at New Garden. Students should then go to the President's office in Memorial Hall and be properly registered and to the Dean's office to be classified.

The next step is to go to the Treasurer's office. The first payment on all charges is due at the beginning of the term and no student is fully matriculated until his card has been signed by the treasurer, thus indicating that satisfactory financial arrangements have been made.

Students sustain a great loss who are not present at the opening of the term.

Every article of clothing sent to the laundry must be plainly marked with the full name of the owner in indelible ink.

Telegraph and express offices are established at Guilford College station. The College has telephone connection with all points both on the local and long distance line.

The College post office is "Guilford College, North Carolina," and all mail should be so addressed.

DEGREES, PRIZES AND HONORS
1919-1920

Degrees

The following degrees were conferred on commencement day, June 1st, 1920:

BACHELOR OF ARTS

Luby Randolph Casey
Alma Chilton
Elsie May Clegg
Melinnie Thelma Cloud
Genevieve Lindley
Hugh Watson Moore
Donna Alice McBane
David Jordan White

BACHELOR OF SCIENCE

Daniel Shields Cameron
Katherine Campbell
Mary Eleanora Coble
Norman Albright Fox
Anna Maie Henley
Richard Arthur Lineberry
Frances Willard Moore
Frances Willard McCracken
Vanner Neece

Scholarships and Prizes

Bryn Mawr Scholarship Genevieve Lindley
Haverford Scholarship Luby R. Casey
Marvin Hardin Scholarship Blanche Lindley
Websterian Orator's Prize Hampton Price
Henry Clay Orator's Prize Edward Hollady
Philomathean Orator's Prize Dovie Hayworth
Zatasian Orator's Prize Hazel Richardson
Websterian Improvement Prize Samuel R. Harris
Henry Clay Improvement Prize Bryce Holt
Philomathean Improvement Prize Ethyle Venable
Zatasian Improvement Prize Louise Winchester
Freshman Declamation Prize Ruth Reynolds

Honors

Freshman Honors Ruth Reynolds
Highest Honors Elsie Clegg

STUDENTS

GRADUATE STUDENT

Knight, Louetta Ellen Guilford College, N. C.

SENIORS

Bulla, Frances Willard Randleman, N. C.
Bulla, Robert Chapman Randleman, N. C.
Coble, Madge Albright Liberty, N. C.
Cox, Myrtle Roella Climax, N. C.
Dixon, Mary Elkin, N. C.
Farlow, Clara Barton Guilford College, N. C.
Hayworth, Dovie Hepler High Point, N. C.
Hollady, Edward Lewis Greensboro, N. C.
Martin, Florence Nightingale East Bend, N. C.
McCracken, Ada Lea Guilford, N. C.
Newlin, Algia Inman Snow Camp, N. C.
Raiford, Herman Clyde Ivor, Va.
Raiford, Okie Irene Ivor, Va.
Stewart, Esther Thomas Laurinburg, N. C.
Stone, Grace Elizabeth Thomasville, N. C.
Tremain, Lindley Ernest Brown Summit, N. C.
Tremain, Rawleigh Lewis Brown Summit, N. C.
White, Berry Lee Belvidere, N. C.
Williams, Marjorie Guilford College, N. C.

JUNIORS

Brown, Annie Estelle Woodland, N. C.
Farlow, Ralph Kelsey Guilford College, N. C.
Hodgin, Sydnor Gladstone Winston-Salem, N. C.
Hollady, Everette Lewis Guilford College, N. C.
Lindley, Mary Blanche Snow Camp, N. C.
McBane, Henry Grady Saxapahaw, N. C.
Newlin, James Curtis Saxapahaw, N. C.
Outland, Ruth Evangeline Woodland, N. C.
Pancoast, R. Isabel Purcellville, Va.
Raiford, Margaret Edna Ivor, Va.
Teague, Eurie Ellen Liberty, N. C.

Ward, Mabel Cornell Rich Square, N. C.
White, Fernando Murray Belvidere, N. C.
White, James Hugh Belvidere, N. C.
White, Marianna High Point, N. C.
Williams, Lyle Lyndon East Bend, N. C.
Yates, Elizabeth Winston Guilford, N. C.
Zachary, Alta Cora Graham, N. C.

SOPHOMORES

Allen, Nellie Frances Snow Camp, N. C.
Bostick, Helen Worth Worthville, N. C.
Carroll, Nell Pemberton Mizpah, N. C.
Cox, Florence Talitha Goldsboro, N. C.
Cox, William Thomas Goldsboro, N. C.
Crews, C. A. Dewey Walkertown, N. C.
Cude, Elizabeth Stanley Winston-Salem, N. C.
Ellington, Jamesina Mechanic, N. C.
Farlow, Elbert Wray High Point, N. C.
Farlow, Vera Gertrude High Point, N. C.
Griffin, Mary Ellen Woodland, N. C.
Henley, Clara Barton Taylorsville, N. C.
Johnson, Hattie Allene Siler City, N. C.
Lassiter, Henrietta Mechanic, N. C.
Merriman, Charles Benbow Oak Ridge, N. C.
McCracken, Zola Elizabeth Guilford College, N. C.
Pearson, Ruth Hazel Dudley, N. C.
Rabey, Lois Marie Suffolk, Va.
Reynolds, Elma Ruth Randleman, N. C.
Richardson, Hazel Estelle Randleman, N. C.
Robertson, Helen Frances Guilford, N. C.
Robertson, Mabel Delphina Guilford, N. C.
Rush, Alta Gertrude Guilford College, N. C.
Stanfield, Andrew Clephus Brown Summit, N. C.
Taylor, James Spottiswood, Jr. Danbury, N. C.
White, Esther Katherine Guilford College, N. C.
Winchester, Louise Maud Summerfield, N. C.
Wolff, William A. Greensboro, N. C.

FRESHMEN

Alexander, Jed Dublin, Ga.
Allred, David Edgar, Jr. Greensboro, N. C.

Andrews, Herbert Lee Archdale, N. C.
Beaman, Marie Ruth Troy, N. C.
Blair, William Wesley Greensboro, N. C.
Brogden, Ila Maie Goldsboro, N. C.
Brooks, Elizabeth Hanner Mount Vernon Springs, N. C.
Bundy, Ruby Gertrude Jamestown, N. C.
Cannon, John Webb Guilford College, N. C.
Casstevens, Minnie Yadkinville, N. C.
Chilton, Emma Alice Ararat, N. C.
Clegg, Kenneth Key Guilford College, N. C.
Clodfelter, Shelley L. High Point, N. C.
Cox, Carl Anthony Climax, N. C.
Cummings, Robert Earle Stokesdale, N. C.
Farlow, Zelma Leah Guilford College, N. C.
Finch, Mary Ruth Guilford College, N. C.
Fitch, Henry Clyde Yanceyville, N. C.
Goldston, Nell Goldston, N. C.
Greene, Eula Brown Summit, N. C.
Harris, Samuel Parkin Thomasville, N. C.
Harris, H. LeRoy Greenville, N. C.
Hart, Bertha Susan Ayden, N. C.
Hayworth, Robert Vinton Jamestown, N. C.
Hendren, Mary Elizabeth Elkin, N. C.
Holder, Eva Gertrude Tobaccoville, N. C.
Hoover, Emma Leigh Thomasville, N. C.
Johnson, Helen Orval Thomasville, N. C.
Johnson, James Pope Madison, N. C.
Jones, Blanche Mae Guilford College, N. C.
Jones, Nell Mae Walnut Cove, N. C.
Kanoy, Clara Edna Biscoe, N. C.
Kurfees, Irma Germanton, N. C.
Lassiter, Robert Glenn Mechanic, N. C.
Lemons, Martha Grace Troy, N. C.
Lewey, Dura Anne Summerfield, N. C.
Mackie, Thad Hinshaw Guilford College, N. C.
Macon, Hersal Luther Climax, N. C.
Marshall, Annie Rooney Westfield, N. C.
Marshall, Robert Kossuth High Point, N. C.
Motley, Sara Hope Danville, Va.
McBane, Thomas Everette Graham, N. C.
McGee, Frank Germanton, N. C.

Norman, Carrie Longene Cameron, N. C.
Norman, Loula Atha East Bend, N. C.
Osborne, Virginia Pleasant Garden, N. C.
Paul, Ophelia Elkin, N. C.
Perry, Pearl Maie Thomasville, N. C.
Poindexter, Hattie East Bend, N. C.
Ragsdale, John Oneill Madison, N. C.
Ragsdale, Ruth Madison, N. C.
Shore, Henry Bascom East Bend, N. C.
Slate, Austin T. Mizpah, N. C.
Smith, Charles Dan Greensboro, N. C.
Smith, Jeremiah Addison Greensboro, N. C.
Stewart, Nellie Greensboro, N. C.
Stout, Chalmers Otis Siler City, N. C.
Taylor, Nellie Luna Danbury, N. C.
Thomas, Jewel Salemburg, N. C.
Thompson, Isla Willis Whitsett, N. C.
Tuttle, Ghita Rural Hall, N. C.
Tyson, Marie Harris Mebane, N. C.
Wall, Charles Thomas Rural Hall, N. C.
Ward, Julia Marion Rich Square, N. C.
Ward, Mattie Seven Springs, N. C.
Watkins, Ethel Lenore Wadeville, N. C.
White, Allison Almon Belvidere, N. C.
White, Myrta Elizabeth Belvidere, N. C.
White, Nettie Salemburg, N. C.
White, Paul Jay Belvidere, N. C.
White, Sylvia Anna Belvidere, N. C.
Williams, Mattie Lou Belvidere, N. C.
Winslow, Elbert Worth Belvidere, N. C.
Winslow, Lindsey Clifton Belvidere, N. C.
Winslow, Linwood Clinton Belvidere, N. C.
Winslow, Nettie Lee Elizabeth Belvidere, N. C.

SPECIAL STUDENTS

Doughton, Joseph Edwards Guilford College, N. C.
Edwards, Herman Guilford College, N. C.
Frazier, John Gurney Guilford College, N. C.
Lindley, Ruth Guilford College, N. C.
Mackie, Florence Christine Guilford College, N. C.
Stout, Stephen Washington Asheboro, N. C.
Zachary, Jonathan Thompson Graham, N. C.

PREPARATORY DEPARTMENT

Alexander, Lloyd David Dublin, Ga.
Allen, Beulah Oyama Atlanta, Ga.
Baise, Esther Virginia Pelham, N. C.
Been, Edna Mae East Bend, N. C.
Bennett, Mary Annie Stokesdale, N. C.
Blackburn, Herman E. Kernersville, N. C.
Cardwell, Lucile Madison, N. C.
Cardwell, Louise Madison, N. C.
Casey, Jessie Frank Goldsboro, N. C.
Chilton, Pearl Anna Ararat, N. C.
Coble Edna Maude Guilford College, N. C.
Cooper, Vera Myrtle Pelham, N. C.
Dixon, William J. Greensboro, N. C.
Dorrity, Henry Ladson Goldsboro, N. C.
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Edgerton, La Mont Laget Goldsboro, N. C.
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Foster, Cecil Lee Cooleemee, N. C.
Frazier, John Wesley Liberty, N. C.
Garner, Frances Waynesville, N. C.
Gloff, Stewart Austin Thomasville, N. C.
Gragg, Gilbert Hilton Winston-Salem, N. C.
Gray, Robert Ernest Greensboro, N. C.
Hadley, Lillian Helena Rochester, N. Y.
Hall, Bettie Eleanor Rose Hill, N. C.
Hall, Henry Herring Rose Hill, N. C.
Hayworth, Orvie William McKinley High Point, N. C.
Henley, Mary Evelyn Taylorsville, N. C.
Hodges, Ruth Click Mocksville, N. C.
Hodges, Sara Rebecca Mocksville, N. C.
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Johnson, Etta Gertrude Kinston, N. C.
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Keeter, Maude Evelyn Woodrow, N. C.
King, Blanche Troy, N. C.
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Knight, Paul Gilmer Stokesdale, N. C.
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Lassiter, Robert Goldsboro, N. C.
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Lowe, Alice Ione Asheboro, N. C.
Matthews, Gholar Herman East Bend, N. C.
Medlin, Marion Butler Raleigh, N. C.
Merriman, Lloyd Ella Oak Ridge, N. C.
Mitchell, Joseph Franklin Reidsville, N. C.
Mitchell, Roy Robert Burlington, N. C.
McAdoo, John Brantley Charlotte, N. C.
McCracken, Louise Elizabeth Guilford College, N. C.
McCracken, Raymond Guilford College, N. C.
McDaniel, James Allen Asheboro, N. C.
Nantz, William Graham Greensboro, N. C.
Neal, Falsom Belew Creek, N. C.
Norman, Beulah Lee East Bend, N. C.
Norman, Harry Lee Pomona, N. C.
Odom, Laurin N. Darlington, S. C.
Parks, Clarence Preston Goldsboro, N. C.
Penny, James Cicero, Jr. Greensboro, N. C.
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Pugh, Myrtle Ulalah Asheboro, N. C.
Purvis, Rufus Curtis McConnell, N. C.
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Rolison, Charles Rouse Bayboro, N. C.
Shaver, Eugene Winston-Salem, N. C.
Shore, B. Clyde Yadkinville, N. C.
Shore, John Herman Boonville, N. C.
Shore, Marvin H. Yadkinville, N. C.
Shore, Nova Emma Yadkinville, N. C.
Shutt, George Henry Clay, Jr. Advance, N. C.
Smith, Gertrude Walker Hendersonville, N. C.
Smith, Kate Hall Hendersonville, N. C.
Smithdeal, Grace Elizabeth Advance, N. C.
Staley, Fairy Climax, N. C.
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Thorp, Harold Guilford College, N. C.
Vuncannon, Flay Asheboro, N. C.
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Zachary, James Walter Cooleemee, N. C.
Zachary, John Wilson Yadkinville, N. C.
Zachary, Thomas M. Cooleemee, N. C.

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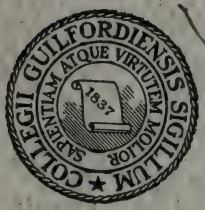
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CALENDAR

EIGHTY-SIXTH ACADEMIC YEAR

1922

September 12th Beginning of the Session
Registration and Classification

September 13th, 8:20 a. m. Recitations Begin

September 23rd Examinations for
Removing Conditions

November 14th First Quarter Ends

November 30th Thanksgiving Recess
Community Singing

December 9th Zatasian Oratorical Contest

December 20th, 11:30 a. m. Christmas Recess Begins

1923

January 3rd, 1:20 p. m. Recitations Resumed

January 22nd to 27th Mid-Year Examinations

January 29th Second Term Begins

February 10th Websterian Oratorical Contest

March 10th Examinations for Removing Conditions

March 30th Third Quarter Ends

March 30th, 11:30 a. m., to April 3rd, 1:20 p. m.
Easter Recess

April 21st Philomathean Oratorical Contest

May 19th Henry Clay Oratorical Contest

May 28th to June 2nd Final Examinations

June 3rd Baccalaureate Service
Sermon Before the Christian Associations

June 4th Senior Class Day
Annual Meeting of the Alumni Association

June 5th Commencement Day
Conferring of Degrees
Commencement Address

BOARD OF TRUSTEES

	Term Expires
Wm. T. Parker, High Point, N. C.	1922
Henry A. White, High Point, N. C.	1923
D. Ralph Parker, High Point, N. C.	1923
C. P. Frazier, Greensboro, N. C.	1924
Walter E. Blair, Greensboro, N. C.	1924
J. Elwood Cox, High Point, N. C.	1925
Jeremiah S. Cox, Greensboro, N. C.	1925
David White, Greensboro, N. C.	1926
Zeno H. Dixon, Elkin, N. C.	1926
Charles F. Tomlinson, High Point, N. C.	1927
Dudley D. Carroll, Chapel Hill, N. C.	1927

J. Elwood Cox, *Chairman*
David White, *Secretary*

ADVISORY COMMITTEE

	Term Expires
Mary D. Cox, High Point, N. C.	1922
Mary E. M. Davis, Guilford College, N. C.	1922
Priscilla B. Hackney, Greensboro, N. C.	1923
Roxie D. White, Guilford College, N. C.	1923
Sandia Lindley, Pomona, N. C.	1923
Mary M. Petty, Greensboro, N. C.	1924
Gertrude W. Mendenhall, Greensboro, N. C.	1924
Bertha Cox, High Point, N. C.	1924

STANDING COMMITTEES OF THE TRUSTEES

Officers and Faculty—C. F. Tomlinson, D. D. Carroll.

Literary Department—Dudley D. Carroll, C. F. Tomlinson, Zeno H. Dixon.

Boarding Department—C. P. Frazier, Zeno H. Dixon, Walter E. Blair.

Buildings and Grounds—D. Ralph Parker, David White, H. A. White.

Water, Lights and Heat—H. A. White, J. S. Cox, D. Ralph Parker.

Farm—W. T. Parker, Walter E. Blair.

Endowment Fund—J. E. Cox, David White.

Auditing and Finance—J. S. Cox, D. D. Carroll.

Committee to Confer with Committee from Yearly Meeting—J. S. Cox, C. P. Frazier.

FACULTY

RAYMOND BINFORD, S. M., PH. D.

BIOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph. D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., summers 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., summers 1912-1917; Professor of Biology and Geology, Guilford College, 1901-1914; Professor of Zoology at Earlham College, 1914-1918; President of Guilford College, since 1918.

LEWIS LYNDON HOBBS, A. M., LL. D.

LATIN

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philosophy, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Guilford College, since 1888.

ELWOOD CHAPPELL PERISHO, M. S., LL. D.

LECTURER AND DIRECTOR OF COLLEGE EXTENSION

B. S., Earlham College, 1887; M. S., Earlham College, 1889; Scholar University of Chicago, 1893-1894; Fellow University of Chicago, 1894-1895; LL. D., Earlham College, 1910; Assistant in Science, New Garden Boarding School, 1887-1888; Professor of Mathematics, Guilford College, 1888-1893; Assistant in United States Geological Survey (field work), 1894; Professor of Geology and Physics, Wisconsin State Normal, 1895-1903; Professor of Geology, University of South Dakota, and State Geologist of South Dakota, 1903-1914; Dean of the College of Arts and Sciences, University of South Dakota, 1907-1914; President of the State College of Agriculture and Mechanical Arts, South Dakota, 1914-1919; Educational Administrator and Lecturer, U. S. Army Educational Corps, 1919-1920; Member of Faculty American Army University, Beaune, France, 1919; Lecturer, 1920-1921.

H. LOUISA OSBORNE, A. B.

LATIN

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Guilford College, since 1892.

MARK BALDERSTON, A. B.

PHYSICS

A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Guilford College, since 1915.

ANNA WILKINS ROBERTS, A. B.

FRENCH

A. B., Bryn Mawr, 1915; Principal Plymouth Friends' School, 1915-1917; French, Sorbonne, 1920; Guilford College, since 1917.

BESSIE V. NOLES, A. B.

HOME ECONOMICS

A. B., Bessie Tift College, 1906; Teachers' College, Columbia University, 1915; Librarian and Instructor, Bessie Tift College, 1906-1914; Teacher of Home Economics, Salem College, 1915-1917; Guilford College, since 1917.

FRANCIS CHARLES ANSCOMBE, A. B.

HISTORY AND BIBLICAL LITERATURE

A. B., Earlham College, 1916; Assistant in Biblical Literature, ibid., 1916; Assistant in English and Graduate Student, ibid., 1917; Instructor in Bible, ibid., summer 1920; Graduate Student Johns Hopkins University, 1917-1918; Guilford College, since 1918.

J. WILMER PANCOAST, B. S.

MATHEMATICS

B. S., Swarthmore College, 1901; Special Work at University of Pennsylvania, University of Cornell, University of Chicago; Instructor of Mathematics, George School, Bucks County, Pennsylvania, 1902-1918; Guilford College, since 1919.

L. LEA WHITE, A. B.

EDUCATION

A. B., Guilford College, 1904, and Haverford College, 1905; School of Education, University of Virginia Summer Session, 1907; Principal Jamestown High School, 1905-1910; Principal Winston-Salem City High School, 1910-1920; Guilford College, since 1920.

MARY ALINE POLK, A. M.

ENGLISH

A. B., Indiana University, 1915; A. M., Leland Stanford University, 1920; Teacher of English, Fritchton (Indiana) High School, 1915-1919; Instructor in French and Spanish, Oakland City College, spring quarter 1919; English, Guilford College, since 1920.

RHESA LANCASTER NEWLIN, B. S.

ASSISTANT IN MATHEMATICS

B. S., Guilford College, 1917; Teacher of Mathematics, China Grove High School, 1917-1918; Instructor in Mathematics, Clemson College, 1919-1920; Guilford College, since 1920; Graduate Student at University of Chicago, 1921-1922.

HERBERT NICKSON BAKER, B. S.

ASSISTANT IN BIOLOGY AND AGRICULTURE

B. S. in Agriculture, Kansas State Agricultural College, 1920; Guilford College, since 1920.

ROBERT HORNIMAN DANN, A. M.

RELIGIOUS EDUCATION

A. B., Pacific College, 1917; A. M., Haverford College, 1918; Instructor Oak Grove Seminary, 1919; Graduate Student Andover-Harvard, 1920; Guilford College, since 1920.

JAMES WESTLEY WHITE

VOCAL

Student at International School of Vocalists, Boston; Private Teachers, New York; Soloist in leading churches of Boston and New York, in festivals and tours; Director of Chorus and Choir; Instructor in Vocal Music, Guilford College, since 1919.

BEATRICE LYNNE BYRD, B. M.

PIANO

B. M., Greensboro College, 1914; Voice Diploma, Greensboro College, 1914; Pupil of Anthony Carlsen, Los Angeles, Calif.; Studio Assistant to Director, Greensboro College, 1913-1914; Teacher of Voice and Piano, Greenville (S. C.) Woman's College, 1916-1918; Guilford College, since 1919.

GEORGE D. PALMER, B. S., A. M.

CHEMISTRY

B. S., Clemson College, 1919; State Agricultural School, Monticello, Ark., 1913-1916; Scientific Assistant at Bureau of Standards, Washington, D. C., summer 1919; A. M., Johns Hopkins University, 1921; Guilford College, since 1921.

KATE BRITTAIN SMITH, A. B.

ENGLISH AND FRENCH

A. B., Guilford College, 1919; Graduate Student Bryn Mawr, 1919-1920; Teacher of English, Boulder City Schools, Col., 1920-1921; Assistant English and French, Guilford College, 1921-1922.

ROBERT S. DOAK, A. B.

MEN'S PHYSICAL DIRECTOR

A. B., Guilford College; Coach Elon College, 1911-1915; Coach Basketball and Track, Trinity College, 1916; Coach, Guilford College, 1916-1918; Athletic Work for Y. M. C. A. with A. E. F. in France, 1919; Guilford College, since 1919.

VIRGINIA ISABEL ROBINSON

DIRECTOR OF WOMEN'S PHYSICAL CULTURE

University of Missouri, 1921; Student of Spanish, Normal University, Las Vegas, New Mexico, 1919; Student of Industrial Art, Chicago, 1920; Director of Girls' Physical Culture and Teacher of Art, High School, Novelty, Mo., 1917-1918; Director Women's Physical Culture, Instructor in Spanish and Violin, Guilford College, 1921-1922.

LYRA MILES DANN, A. M.

A. B., Pacific College, 1917; Graduate Student Willameth University, 1917-1918; A. M., Columbia University, 1919; Professor of Education, Pacific College, 1920-1921; Assistant in Piano, Guilford College, 1921-1922.

OFFICERS OF ADMINISTRATION

RAYMOND BINFORD
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DEAN OF WOMEN

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SECRETARY TO THE PRESIDENT

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MATRON NEW GARDEN HALL

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Athletics, Boys— L. L. White, Robert S. Doak, J. Wilmer Pancoast, Rhesa L. Newlin.

Athletics, Girls—Virginia I. Robinson, Bessie V. Noles, Anna W. Roberts.

Campus—L. Lyndon Hobbs, Sarah Benbow, Bessie V. Noles, Herbert N. Baker.

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Examinations—Bessie V. Noles, J. Wilmer Pancoast, George D. Palmer, Kate Smith.

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Library—Julia S. White, J. F. Davis, F. C. Anscombe, Mary Aline Polk, Bessie V. Noles.

Publications—F. C. Anscombe, Mary Aline Polk, Robert Dann, L. L. White.

Social—H. Louisa Osborne, Anna W. Roberts, Mr. and Mrs. F. C. Anscombe, Mark Balderston, J. Wilmer Pancoast.

HISTORICAL SKETCH

NEW GARDEN BOARDING SCHOOL

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and twenty-four years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership — a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1830 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

GUILFORD COLLEGE

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the state in 1888, with authority to confer academic degrees upon the completion of a college course.

LOCATION

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro, in the midst of a progressive neighborhood, was chosen. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty-five years the institution has flourished and developed.

MATERIAL EQUIPMENT

FARM AND CAMPUS

The College property consists of two hundred and ninety acres of campus, field and woodland. The campus and athletic fields occupy about thirty acres. About half of the remainder has been cleared, most of which has been built up by a splendid system of cultivation. A fine herd of carefully selected grade Guernsey cattle is housed in a well appointed dairy barn to the east of the campus. The college table is supplied abundantly with milk and butter of the highest grade. An increasing effort is being made by the farm management to supply the major portion of the vegetables and fruits, both fresh and canned, which the college family uses during the year. The farm and dairy equipment and management are thoroughly modern in every respect and are valuable object lessons for students interested in agriculture.

The campus with its fine old oaks is the peer of any in the state. About it in a large quadrangle are grouped the ten principal buildings, all of which, except the gymnasium, are of brick, thoroughly substantial and unusually pleasing in appearance.

FOUNDERS HALL

On entering the grounds at the "1909" gateway one sees the white pillars of Founders Hall at the end of the long vista down the drive. This is the oldest building of the group. It was erected in 1837. In 1908 it was entirely remodeled and the second and third floors equipped as a modern dormitory for girls.

On the first floor are the dining room, the halls of the Philomathean and Zatasian Literary Societies, the matron's rooms, reception rooms and office of The Guilfordian. On the second floor is a large assembly room for the Young Women's Christian Association.

ARCHDALE HALL

This hall was erected in 1886, and was named in memory of the Quaker Governor, John Archdale. It is used as a dormitory and will comfortably accommodate forty-eight men.

Y. M. C. A. HALL

This hall was built in 1891 to accommodate the Young Men's Christian Association. Recently the interior of this building has been remodeled. The Y. M. C. A. room has been enlarged and improved. The upper floor has been made into two handsomely equipped literary society rooms for the Websterian and Henry Clay Societies.

MEMORIAL HALL

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also to supply an auditorium. This building was erected in 1897, and is named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

This building contains the offices of the President, the Dean, the Treasurer and the Business Manager, the Book Store, Postoffice, the Chemical Laboratory

and Lecture Rooms, the Biological Laboratory, the Music Department, the Auditorium, and the Museum.

NEW GARDEN HALL

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work, thus lessening their expenses. The Hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

THE LIBRARY

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. It is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study.

The original Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been to make it most available for use, hence our facilities for reference work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of its intellectual life.

There are now over ten thousand volumes in the Library and these are in use daily by students and persons connected with the College. The reading

room is well supplied with the state papers, and the best of magazines and periodicals representing general literature and the special departments.

KING HALL

The present King Hall is the third building so named, the former two having been destroyed by fire. The building as now constructed contains six large class rooms, the Physics Laboratory and the laboratory for Home Economics.

COX HALL

Cox Hall is a dormitory for young men. The three center sections were built in 1912 and two new sections were added in 1917. This building will accommodate 104 students. The sections have separate entrances and are divided from each other by solid fireproof walls. On each floor of each section there are four rooms, and each group of four has its own shower bath and lavatory. There is hot and cold water in each room. In the basement is a locker room and shower baths for day students and visiting athletic teams. No expense has been spared to make Cox Hall artistic both inside and out and to provide it with every modern convenience.

THE CHURCH

The large meeting house was erected in 1912 to accommodate the sessions of the Yearly Meeting. It serves for the regular religious meetings of the College community.

THE GYMNASIUM

The Gymnasium contains an excellent basketball floor 50 x 76 feet. There are two galleries giving ample room for spectators at intercollegiate contests.

ATHLETIC FIELDS

The athletic equipment is large enough to enable every student in College to secure an abundance of outdoor exercise.

The Hobbs Athletic Field is a carefully graded tract of ground of three acres, perfectly adapted to football, soccer, baseball and track. It is surrounded by a quarter mile running track with a 100-yard straightway.

There are ten sand-clay tennis courts on the campus, giving ample room for all to play who desire to do so.

The girls' athletic grounds are situated to the west of New Garden Hall.

THE LABORATORIES

The College possesses four laboratories: Chemistry, Physics, Biology, and Domestic Science. These laboratories, comfortably situated in large, well lighted rooms, are well equipped with modern apparatus and offer every facility for elementary or advanced work.

The various material resources outlined above have been made possible by the generosity and aid of a large circle of friends of Guilford College, and everything has been done with a view to giving young

women and young men a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

POLICY AND IDEALS

The founders of the College desired to establish an institution where a broad liberal culture might be secured with homelike surroundings and under religious influences. The history of the College has continuously demonstrated that these ideals have been attained to an unusual degree. An education which has for its sole object the increasing of the earning power of the student has no place at Guilford, for while this object is not lost sight of in the rigid men-

tal training that is given and in the various professional courses which are offered, yet an earnest effort is made to combine with an increase in ability an increase in spiritual insight and a widening of the mental horizon.

Although Guilford College cannot properly be classed as a professional school, yet the College is abundantly prepared to give in its well equipped and up-to-date laboratories thorough scientific training for advanced professional study. The immature student gains the advantage of the intimate personal oversight of the faculty such as is possible in a small college only.

In accordance with the ideals outlined above, the course is designed to include something of every important phase of human knowledge, but the requirement is also made that one subject be studied with sufficient thoroughness to make that a life work if desired.

A good many Guilford students teach, and the excellent reputation which the graduates of the College have acquired in this work has been due to the fact that the College insists on the importance of acquiring a thorough knowledge of the subject to be taught. A sufficient number of courses in Education are offered to give the student a proper professional training and satisfy all the State requirements.

Thoroughness in all things and a serious effort to avoid all sham and pretense have characterized the policy of the College since the beginning.

RELIGIOUS EXERCISES

Although under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote a positive, healthy religious life.

All students are required to attend the regular meetings for worship held once a week.

The Y. M. C. A. and Y. W. C. A., in which nearly every student is enrolled, are very active organizations, and through their weekly prayer meetings, Bible classes, Mission Study classes, etc., exercise a helpful and uplifting influence.

ENDOWMENT

The encouragement to make still greater provision for the future, which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving $45,000 to be used as a

permanent fund. The same year Dr. D. K. Pearsons gave to the College $25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave $15,000 to the endowment, making their total donations to Guilford $25,000. Among the benefactors is Samuel Hill, who gave $5,000 in memory of his father, Nathan B. Hill, and $6,000 subsequently for improvement in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of $5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of $12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of $5,000 is in memory of Francis White who, in his lifetime, gave assistance and great encouragement to the work of eduation in North Carolina.

The Jonathan E. Cox Fund of $5,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of $1,573 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of $1,500—a scholarship fund.

The Richardson Fund of $2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of $1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of $1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of $5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of $1,000—scholarship fund.

The Doctor Dicia Baker Fund of $5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of $500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The John B. Griffin Fund of $1,250—a scholarship fund for girls.

The Joseph J. Cox Memorial Fund of $3,500—for the Biblical Department.

The Rufus and Lydia White Memorial Fund of $1,000—endowment.

The George W. White Memorial Fund of $1,000—endowment.

A fund of $1,000 for ministerial students or those preparing for Christian work, established by Elwood Cox.

The total sum of permanent funds—those named above, and others—is $205,000.00. The plant and endowment are estimated to be worth $620,000.00.

REQUIREMENTS FOR ADMISSION

Candidates for admission to the Freshman Class must have four years of high school preparation or a full equivalent. A chief cause of failure in college work is unsatisfactory preparation, and a thorough knowledge of preparatory subjects is absolutely essential before taking up the work of the college course.

Applicants will be admitted without examination upon presentation, on or before the opening of the college year, of a Certificate of Admission from an accredited high school. Blank certificates will be furnished on application to the College and should be filled out and sent in some time during, or before, the summer vacation. It is important that this be done as early as possible as it is difficult to secure records from teachers while on their vacations. The Certificates of Admission must be filled out and signed by the Principal of the school from which the applicant comes. If two or more high schools have been attended, a certificate must be secured from each one.

Examinations will be required before credit is given for any subject which has not been properly certified.

Students coming from accredited high schools, if recommended in fifteen units in which the required units are included, are given Freshman standing.

Credits allowed on credentials are in all cases conditional. A student thus admitted has only pro-

bationary standing for the first term and if his work in any Freshman subject indicates that his preparation in that subject has been insufficient he may be required by action of the faculty to complete his preparation in the proper course of the Preparatory Department or pass a creditable examination over the preparatory work before he may again enter the course in question.

PREPARATORY SUBJECTS REQUIRED FOR ENTRANCE

English	3	units
Algebra	1½	units
Plane Geometry	1	unit
Foreign Languages	4	units
History	1	unit
Electives	4½	units

A high school course taken five periods a week for one school year is valued at one unit.

Not less than two units will be accepted in any one language, unless presented as an elective.

Students who intend to major in the departments leading to the degree of Bachelor of Arts must present four units of Latin for entrance, except those majoring in the department of History who may present French or German.

Students who intend to major in Mathematics, or some one of the sciences, and receive the degree of Bachelor of Science should, if possible, present French or German for entrance.

The electives must be selected from the following list:

TABLE OF SUBJECTS ACCEPTED FOR ENTRANCE

Subjects	Topics	Units
English A	Grammar and Analysis	1
English B	Composition and Elementary Rhetoric	1
English C	Selections of Literature	1
Mathematics A	Algebra to Quadratics	1
Mathematics B	Advanced Algebra	½ or 1
Mathematics C	Plane Geometry, complete	1
Mathematics D	Solid Geometry	½
Mathematics E	Trigonometry	½
History A	Ancient	1
History B	Mediaeval and Modern	1
History C	English	1
History D	American	1
Latin A	Grammar and Composition	1
Latin B	Caesar, four books and Composition	1
Latin C	Cicero, four orations and Composition	1
Latin D	Virgil, four books and Composition	1
Greek A	Grammar and Composition	1
Greek B	Xenophon, four books	1
German A	Grammar and Composition	1
German B	Reading and Exercises	1
French A	Grammar and Composition	1
French B	Reading and Exercises	1
Spanish A	Grammar and Composition	1
Spanish B	Reading and Exercises	1

Science A	Physical Geography	½ or 1
Science B	Chemistry	1
Science C	Physics	1
Science D	Physiology	½
Science E	Botany	½ or 1
Science F	General Science	½ or 1
Civics	Civil Government	½
Biblical Literature		1

Applicants for admission who desire entrance credit for such vocational subjects as Agriculture, Home Economics, Bookkeeping, Commercial Geography, Commercial Arithmetic, Stenography and Typewriting, Mechanical Drawing and Manual Training, will receive such credit only after a special investigation has been made. A complete record of the work done must be submitted and passed upon by the committee on credentials. Not more than one unit for one subject or two units altogether will be given for subjects in this list, except in case of graduates from an accredited four-year high school.

One unit in Biblical Literature is accepted from high schools or from Sunday schools which comply with the standards set by the Council of Church Boards of Education.

Specifications Regarding Entrance Units

CIVICS

Civics One-half Unit

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

ENGLISH

English A—Grammar and Analysis One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition. Abundant practice in composition, with readings from masterpieces of American Literature.

English C—Reading and Literature One Unit

REQUIRED FOR STUDY

One selection from each of the following groups:

GROUP I.—DRAMA.

Macbeth; Hamlet.

GROUP II.—POETRY.

Milton's L'Allegro, Il Penseroso, and Comus; the selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

GROUP III.—ORATORY.

Burke's Speech on Conciliation with America; Washington's Farewell Address; Webster's First Bunker Hill Oration; and Lincoln's Gettysburg Address.

GROUP IV.—ESSAYS.

Carlyle's Essay on Burns, with a selection from Burns's Poems; Macaulay's Life of Johnson.

REQUIRED FOR READING

Two selections from each of the following groups:

GROUP I.—CLASSICS IN TRANSLATION.

The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel, together with the books of Ruth and Esther; Homer's Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Æneid. The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.

GROUP II.—DRAMA.

Shakespeare's Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; Julius Caesar; Macbeth; Hamlet; Goldsmith's She Stoops to Conquer; Sheridan's The Rivals.

GROUP III.—PROSE FICTION.

Malory: Morte d'Arthur (about 100 pages); Bunyan's Pilgrim's Progress, Part I; Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe: Robinson

Crusoe, Part I; Goldsmith: Vicar of Wakefield; Scott: Novels, any one; Jane Austen: Novels, any one; Maria Edgeworth: Castle Rackrent or The Absentee; Frances Burney: Evelina; Dickens: Novels, any one; Thackeray: Novels, any one; George Eliot: Novels, any one; Mrs. Gaskell: Cranford; Kingsley: Westward Ho! or Hereward the Wake; Reade: The Cloister and the Hearth; Lytton: Last Days of Pompeii; Blackmore: Lorna Doone; Hughes: Tom Brown's School Days; Stevenson: Treasure Island, Kidnapped, Master of Ballantrae, Dr. Jekyll and Mr. Hyde; Kipling: Kim, Captains Courageous, Jungle Books; Cooper: Novels, any one; Poe: Selected Tales; Hawthorne: House of Seven Gables, Twice Told Tales, Mosses from an Old Manse; Howells: The Rise of Silas Lapham; Wister: The Virginian; Cable: Old Creole Days; Short Stories by various standard writers.

GROUP IV.—ESSAYS, BIOGRAPHY, ETC.

Addison and Steele: The Sir Roger de Coverley Papers, Selections from the Tatler and Spectator; Boswell: Selections from the Life of Johnson; Franklin: Autobiography; Washington: Farewell Address; Burke: Speech on Conciliation with America; Irving: Life of Goldsmith; Southey: Life of Nelson; Lamb: Essays of Elia; Lockhart: The Life of Scott; Thackeray: Lectures on Swift, Addison, and Steele in the English Humorists; Macaulay: Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederick the Great, Madame d'Arblay, Life of Johnson, Two Speeches on Copyright, History of England (Chapter III); Trevelyan: Selections from Life of Macaulay; Carlyle: Essay on Burns; Ruskin: Sesame and Lilies, Selections; Dana: Two Years Before the Mast; Webster: First Bunker Hill Oration; Lincoln: Selections, including at least the Speech at Cooper Union, the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley (together with a brief memoir or estimate of Lincoln); Parkman: The Oregon Trail; Emerson: Manners, Self Reliance; Thoreau: Walden; Lowell: Selected Essays; Holmes: The Autocrat of the Breakfast Table; Burroughs: Selected Essays; Warner:

In the Wilderness; Curtis: Prue and I, Public Duty of Educated Men; Stevenson: An Inland Voyage, and Travels with a Donkey; Huxley: Autobiography and Selections from Lay Sermons (including the addresses on Improving Natural Knowledge, A Liberal Education, and a Piece of Chalk); Hudson: Idle Days in Patagonia; Clemens: Life on the Mississippi; Riis: The Making of an American; Bryce: The Hindrances to Good Citizenship; A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V.—POETRY.

Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study); Goldsmith's The Traveler, and The Deserted Village; Pope's The Rape of the Lock; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, The Battle of Oetterburn, King Estmere, Young Beichan, Bewick and Grahamme, Sir Patrick Spens, and a selection from later ballads; Coleridge's The Rime of the Ancient Mariner, Christobel, and Kubla Khan; Byron's Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott's The Lady of the Lake or Marmion; Macaulay's Lays of Ancient Rome, The Battle of Naseby, The Armada, and Ivry; Tennyson's The Princess or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," and Instans Tyrannus; Arnold's Sohrab and Rustum, and The Forsaken Merman; selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier; Milton: L'Allegro, Il Penseroso, Comus, Lycidas.

FRENCH

French A—Grammar and Composition One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

French B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

GERMAN

German A—Grammar and Composition ... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

GREEK

Greek A—Grammar and Composition One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon One Unit

Four books of Xenophon's Anabasis, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

HISTORY

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

History A—Ancient One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

History B—Mediæval and Modern One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

History C—English One Unit

The political and social history of England from the period of the Roman occupation to the present day.

History D—American One Unit

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the Revolution and the adoption of the Constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and Reconstruction, and the recent development of the nation.

LATIN

Latin A—Grammar and Composition One Unit

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

Latin B—Cæsar One Unit

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

Latin C—Cicero One Unit

Cicero's Orations against Catiline; continued practice in prose composition.

Latin D—Virgil One Unit

Four books of Virgil's Æneid, forms and construction of poetry, hexameter verse, continued practice in prose composition.

MATHEMATICS

Mathematics A and B—Algebra
One and One-half or Two Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

Mathematics C—Plane Geometry One Unit

Five books and numerous original exercises taken from other sources.

Mathematics D—Solid Geometry One-half Unit

With original exercises and problems.

SCIENCE

Science A—Physical Geography, One-half or One Unit

The knowledge obtainable from a standard school text-book on this subject, field work.

Science B—Chemistry One Unit

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.

Science C—Physics One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

Science D—Physiology One-half Unit

A standard school text-book, with demonstration and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

Science E—Botany One-half or One Unit

Any standard school text-book, recitations and laboratory or field work in general botany.

Science F—General Science ... One-half or One Unit

Any standard school text-book, recitations and laboratory work.

ADMISSION TO ADVANCED STANDING

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

RULES REGARDING CLASSIFICATION AND GRADING

SPECIAL STUDENTS

Persons of mature age, who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

REGULATIONS REGARDING RE-EXAMINATIONS

Opportunities for the removal of First Term conditions will be given in March and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to remove a condition must repeat the course, the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

GRADING OF STUDENTS

A student's standing is determined by daily recitations, hour examinations and final examinations. Reports are issued quarterly. At mid-year and at the end of the year the report covers the work for the whole of the previous term. The grades attained are indicated by the letters A, B, C, D, and E. A indicates a grade from 91 to 100; B from 81 to 90; C from 70 to 80; D from 50 to 70; and E below 50. The numerical grades do not appear on the reports. A D grade for the term's work indicates a failure, with the privilege of passing the course by re-examination. An E grade for the term indicates that the course must be repeated.

All serious breaches of discipline, including all unexcused absences from classes, will be recorded on the reports.

CHANGING CLASSIFICATION

No student shall be allowed to change his classification without the consent of the Dean and the heads of the departments concerned. Only under very exceptional circumstances will such changes be allowed later than two weeks after matriculation.

REQUIREMENTS FOR GRADUATION

The course of study includes both required and elective subjects, so combined that the student may specialize in one field and at the same time acquire that general culture and breadth of knowledge which comes from a variety of studies.

The courses are valued by the credit hour, which is equivalent to one recitation a week for a half year of eighteen weeks. To obtain a degree a student will be required to complete a minimum of 126 credit hours and make an average grade of 81 per cent.

The following outline will indicate what subjects are required and what are elective and also show the amount and nature of the class work required for graduation:

COURSES OF STUDY

FRESHMAN YEAR

FOR A. B. DEGREE		FOR B. S DEGREE	
English I	8	English I	8
Mathematics I	10	Mathematics I	10
Choose two of the following:		Chemistry I	8
French A or I German A or I Greek I History I or II Latin I and III Spanish A or I	12 or 16	Choose one of the following: French A or I German A or I	8

SOPHOMORE YEAR

English II	4	English II	4
History I or II	6	History I or II	6
Language pursued in Freshman year	8	Language pursued in Freshman year	8
Choose one of the following: Physics I / Chemistry I	8	Electives	16
Electives	8		

JUNIOR YEAR

FOR A. B. DEGREE		FOR B. S. DEGREE	
Biology I	8	Biology I	8
Philosophy	3	Philosophy	3
Electives	21	Electives	21

SENIOR YEAR

Biblical Literature	8	Biblical Literature	8
Electives	24	Electives	24

RULES GOVERNING ELECTIVES

In choosing electives the student must take at least three years' work in one subject known as the major subject. There are eleven departments from which one may choose a major. The requirements for each major and the accompanying minors are stated at the beginning of the description of each department in which a major is offered.

Candidates for the A. B. degree must select their majors from the departments of Biblical Literature, English, French, Greek, History or Latin. Candidates for the degree of B. S. must select their majors from the departments of Biology, Chemistry, Home Economics, Mathematics or Physics. For the A. B.

degree a student must elect two years of either French or German or Spanish, and no one may be graduated with less than three years of foreign language. For the B. S. degree a student must have had Course A or an equivalent in French and German and Course I in either of the languages.

Only those who are planning to take a major in the Department of History are allowed to elect history in the Freshman year.

THESIS

A dissertation on some scientific or literary subject is required of all Seniors.

PHYSICAL EDUCATION

Regular physical exercise is required of all students. One hundred hours is the minimum required for one year. The amount of Physical Culture that is taken and reported is entered on the student's college record and thereby becomes a part of any statement of the work completed by the student.

DEPARTMENTS OF INSTRUCTION

For work in Agriculture, see the Department of Biology.

BIBLICAL LITERATURE

Guilford College is able to meet the needs of those who wish to prepare themselves for the Christian Ministry, but who do not expect to take a course at a Theological Seminary. The fundamentals are taught in a thoroughly scholarly, yet reverent way, and the various courses in this department and in the Department of Religious Education are designed to thoroughly equip young men and women for various kinds of Christian service.

Students planning to go to a Theological Seminary will find that Guilford College is prepared to give them the necessary foundation for such studies.

A major in Biblical Literature consists of 22 hours' work selected from the courses described below, or 16 hours from these courses and 6 hours from the department of Religious Education.

Six hours in English IV, V, VI or VIII are required, and two years of an ancient language.

Students majoring in this department should elect courses in Philosophy.

Lab. Credit hours 8.

BIBLICAL LITERATURE.—The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetical writ-

ings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

II*a*. Credit hours 4.

THE HEBREW PROPHETS.—This course is designed to give the student an introduction to the personalities, methods and accomplishments of the Hebrew prophets. Commencing with the Book of Judges, the development of Monotheism and Judaism is traced until the Restoration. The prophet is shown to be a man of his own age as well as a man of God. The historical situation is determined when possible and the permanent spiritual message is examined. Textbook, lectures and reports. Four hours a week. First half year. Given 1922-1923. Not given 1923-1924.

III*b*. Credit hours 4.

LIFE OF CHRIST.—A reverent, scholarly examination of the Life of Lives. Burton and Stevens' Harmony of the Gospels is used. Open to all students of college standing. Four hours a week. Second half year. Given 1922-1923. Not given 1923-1924.

IV*a*. Credit hours 3.

THE APOSTOLIC CHURCH.—In this course a study is made of the Acts and Epistles. The development of Christian thought is traced from the time of Pentecost to the end of Paul's missionary labors. Lectures,

assigned readings, and reports. The class is conducted on the seminar method. First half year. Not offered 1922-1923.

V*b*. Credit hours 3.

THE HISTORY OF THE CHRISTIAN CHURCH.—This course takes up in turn the epochs of the Christian Church from the close of the Apostolic period down to the end of the seventeenth century. Various historic interpretations of Christianity are studied in detail, including particularly the Greek, Latin, Lutheran and Quaker conceptions. Lectures, assigned readings and reports. Seminar method. Second half year. Not offered 1922-1923.

GREEK NEW TESTAMENT.—This course is given to second and third year Greek students as part of the regular courses in Greek. Translation and explanation of the Greek text of selected readings from the New Testament. Four hours per week. Second half year.

RELIGIOUS TRAINING

See Department of Religious Education.

BIOLOGY

The department of Biology, with which has been incorporated the Museum of Natural History, occupies a well lighted room on the first floor of Memorial Hall and shares with the department of Chemistry a large lecture room in the same building. This lecture room is provided with a projection lantern and dem-

onstration equipment. The laboratory, 30 x 60 feet, is well equipped for all the courses offered. The working tables provide for twenty students at one time, each student furnished with locker facilities, abundant working room, and proper light for microscopic work and dissection.

The equipment consists of simple and compound microscopes, materials and apparatus for both elementary and advanced work in histology, anatomy, cytology and embryology; of collecting apparatus and small aquaria and of a large teaching collection of biological specimens. This collection embraces a wide series of geological specimens, minerals, formations and fossils; an excellent collection of mounted bird skins and smaller collections of mammals, reptiles, amphibians, and invertebrates, besides a number of anatomical preparations and a large series of prepared microscopic slides of plant and animal tissues.

A major in Biology shall consist of course I*ab* and at least fourteen hours selected from the other courses offered below.

Students majoring in this department must take Chemistry I and should also take Organic Chemistry.

I*ab*. Credit hours 8.

GENERAL BIOLOGY consists of a study of the general facts, processes and laws that govern the existence of living things. Both plants and animals will be studied. Their structure will be observed, their life-history worked out and the life-processes learned. One finds in this course those fundamental facts

which make it possible to understand one's own body. The principles of organization and co-operation are also discussed. Two lectures and two laboratory periods a week throughout the year.

II*ab*. Credit hours 8.

COMPARATIVE ANATOMY OF THE VERTEBRATES AND GENERAL EMBRYOLOGY.—In this course the structure of the different types of vertebrate animals is studied and the principles of evolution discussed. In the spring the development of a vertebrate animal from the egg to adult form is followed, the chick being used as the chief example of observation. Two lectures and two laboratory periods a week throughout the year.

III*ab*. Credit hours 6.

ADVANCED BIOLOGY.—Courses in morphology or physiology of plants or in cytology, histology and heredity or in bacteriology will be offered according to the wishes of students who are prepared to take them. Three hours a week throughout the year.

IV*ab*. Credit hours 4.

HEREDITY AND EVOLUTION.—Lectures and assigned readings on the subject of inheritance and the question of improving a race. This leads into the consideration of the evolutionary theory. Two lectures a week throughout the year. Open to Juniors and Seniors or to those who have had General Biology.

V*b*. Credit hours 3.

CONQUEST OF DISEASE WITH LABORATORY WORK IN BACTERIOLOGY.—A study of some of the common prevalent diseases, with special emphasis upon prophylaxis, anaphylaxis and preventative medicine. A study of some of the more common non-pathogenic bacteria, which are illustrative of the various types, is taken up in the laboratory. The process of fermentation, sterilization and the various industrial applications of bacteria and bacterial products are taken up both in laboratory and class. Three lectures or six hours of work in the laboratory are required. Second half year. Will be given in 1922-1923.

AGRICULTURE

VI*ab*. Credit hours 6.

CARE OF FARM ANIMALS.—This course will deal with the principles of feeding, judging and breeding of farm animals. During the winter and spring especial attention will be given to poultry and to dairying. Laboratory and practical work is conducted. Open to students who have had Biology I. Given in alternate years with Course VII. Not given 1922-1923.

VII*ab*. Credit hours 6.

SOILS, CROPS AND FARM MANAGEMENT.—An introduction to the geology of soils. The principal soil-forming minerals and rocks will be considered in their

effects in determining soil characteristics. Fertility of the soil and its management will be studied in relation to crops and general farm management. The course will be given in alternate years with Course VI. Given 1922-1923.

CHEMISTRY

The Chemistry Department is located in two large rooms and a smaller advanced laboratory in Memorial Hall, the whole furnishing satisfactory laboratory facilities for fifty students. The laboratories are supplied with water, gas, light, electricity and compressed air. Up-to-date apparatus has recently been increased materially, and all necessary requirements for accurate and efficient analyses are at hand. An exhibit of various commercial chemical products and raw materials has been started and will be enlarged. Recent chemical journals and a chemical library of over 150 volumes give a valuable working reference library. The full amount of chemistry necessary for pursuing a medical course or entering industrial chemistry is offered.

A major in Chemistry shall consist of the following Courses: I, II, III, IV, V. A student pursuing this major must also take Physics I and is advised to take Mathematics II and III.

I*ab*. Credit hours 8.

General Chemistry.—This course consists of a thorough study of the more important elements and

their compounds. The laboratory work takes up the preparation and study of the properties of the common elements and their compounds. Required Freshman year of all students electing the Chemistry, Physics and Mathematics, Biology and Home Economics Groups. No credit will be given for a half year's work in this course. Two lectures or recitations and two laboratory periods per week, the entire year.

Text.—McPherson and Henderson, A Course in General Chemistry.

II*ab*. Credit hours 4.

QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and three laboratory periods each week. Prerequisite, Chemistry I.

Text.—W. A. Noyes, Qualitative Analysis.

III*b*. Credit hours 4.

QUANTITATIVE ANALYSIS.—A thorough study of the methods used in Gravimetric, Volumetric and Electro-Analysis and the analysis of substances by the above methods. Lectures, laboratory and stoichiometric exercises. Two lectures and six hours laboratory each week. Six extra hours of laboratory required of students electing the chemistry group. Prerequisites, Chemistry I and II. Second term.

Text.—Gooch, Representative Procedures in Quantitative Chemical Analysis.

IV*ab*. Credit hours 8.

ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and two laboratory periods of three hours per week. This course is required of all students majoring in Chemistry and will be essential to students of medicine. All year.

Text.—Norris, Organic Chemistry.

V*ab*. Credit hours 8.

ADVANCED QUANTITATIVE CHEMISTRY.—This is a continuation of Course III, and consists of the analysis of minerals, oils, fuels, water, iron, steel and alloys and agricultural products. Laboratory and lectures. Throughout the year.

VI*a*. Credit hours 4.

CHEMISTRY OF FOOD AND NUTRITION.—This course comprises a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials, are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry I. Four hours. First half year. Not given 1923-1924.

Text.—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except Course IV, one laboratory period consists of two and one-half actual hours.

A breakage deposit of $3.00, which is included in the term fee, is required of all students in the Chemistry Department.

EDUCATION

It is the purpose of this department to offer courses that will meet with the approval of the State Department of Education and that will warrant the issuance of the High School Teacher's Certificate "A"—the highest type granted. The requirements for this certificate, as outlined by the Director of Teacher Training of the State Department are: graduation from an A-grade college in academic or scientific courses, embracing 120 semester hours, 18 of which shall be in the professional subjects distributed as follows:

I. Educational Psychology; Tests and Measurements.

II. Principles of Secondary Education; Class Room Management; High School Methods.

III. Educational Sociology; History of Education; School Hygiene.

IV. Observation and Practice Teaching.

Credits must be presented in I, II and IV. From these groups the following courses are offered for 1922-1923:

I*a*. Credit hours 3.

PRINCIPLES OF SECONDARY EDUCATION.—This course covers a brief survey of the educational theories of the past in order to throw light on our present day principles and tendencies. It treats of the origin and development of our public school system and points out what society has demanded of the public school and how these demands are found imbedded in our present educational practice as well as how and to what extent the school reflects the life of the people for whom it exists. It concludes with a careful consideration of some of the applications of modern educational theory and practice. The physical, psychological and sociological basis of education is given due consideration.

II*b*. Credit hours 3.

CLASS ROOM MANAGEMENT.—While this course is intended primarily for those who plan to make high school teaching a profession, its application may be adapted to elementary school work to advantage. It includes a preliminary study of the nature of high school pupils, the qualifications of teachers and the practical problems and methods of classroom organization and control. As indicated, the course is intended to be extremely practical and to furnish the young teacher with many of the details of class instruction without which years of experience would be necessary to work out for himself.

III*a*. Credit hours 3.

EDUCATIONAL PSYCHOLOGY.—The prime purpose of this course is to acquaint the student with adolescent child nature and capacities. As a background for this study, a general survey of early child nature and capacities is taken up at the beginning of the course. This is followed by a more detailed consideration of original tendencies, impulses, and mental characteristics of the adolescent period, laws of learning, individual differences in high school pupils, exceptional children and such psychological problems as concern the teacher.

IV*b*. Credit hours 3.

HIGH SCHOOL METHODS.—After a preliminary survey of the psychology of high school subjects the practical problems of teaching these subjects are covered in considerable detail. The aim of this course is two-fold: first, to give the student a knowledge of the nature of high school subject matter; second, to give him a working knowledge of the methods of high school instruction. The course should be taken in conjunction with Education V1*b*, which is closely correlated with it.

V*a*. Credit hours 3.

HIGH SCHOOL ADMINISTRATION.—This course is designed primarily to meet the needs of those students who plan to be high school principals or supervisors, though the principles upon which the course is based may be employed to advantage by students wishing

to enter the field of elementary school administration or supervision. Problems of school finances, grading and promotion of pupils, retardation and its remedies, medical inspection, courses of study, school programs, teachers' meetings, supervision, organization and systematizing of school routine, elimination of waste, proper distribution of the teaching load, are some of the many topics discussed from the standpoint of practical experience in high school work.

VI*b*. Credit hours 3.

OBSERVATION AND PRACTICE TEACHING.—Students taking Education IV*b* should likewise take this course, as the two constitute a single unit. Ample opportunity will be offered the students to become acquainted with the real teaching problem as it obtains in actual classroom work under supervision.

VII. Credit hours 3.

EDUCATIONAL SOCIOLOGY. (See course outlined under Sociology.)

ENGLISH

English I*a* and I*b* are required of all Freshmen; English II*a* and II*b* are required of all Sophomores. These two courses are prerequisite for all other courses in English.

A major in English shall consist of the following courses: I, II, and twelve additional hours in the courses outlined below. A student pursuing this major must also take History II and Latin I, II, and

III, and two years' work in one of the following departments: French, Spanish, History or Political Science.

I*ab*. Credit hours 8.

RHETORIC AND COMPOSITION.—The first quarter is devoted chiefly to eliminating elementary faults in the construction of sentences and paragraphs. Correct expression is insisted upon as essential. The remaining work of the year consists in reading with analysis and criticism, and in theme writing. Special emphasis is placed upon the writing of exposition, though some practice in description and narration is required. A minimum of collateral reading will be required. Weekly themes. Individual conferences. Four hours a week through the year.

II*ab*. Credit hours 4.

ENGLISH LITERATURE.—A survey course of English literature. The purpose of the course is to give the student a comprehensive view of the historical development of English literature and to train him to read with rapidity and intelligent appreciation. Lectures, discussions and reports. Two hours throughout the year.

III*a*. Credit hours 3.

MODERN DRAMA.—A study of the various influences which have manifested themselves in modern drama. Representative plays from German, French, Russian, Spanish, English, Irish, and American dramatists will be studied. Two hours a week, second semester.

IV*a*. Credit hours 3.

NINETEENTH CENTURY PROSE.—The work of the chief prose writers exclusive of fiction. Readings from Lamb, DeQuincey, Newman, Huxley, Mill, Arnold, Carlyle, Macaulay, Ruskin and Stevenson. Three hours, first semester.

IV*b*. Credit hours 3.

NINETEENTH CENTURY POETRY. — Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning and Rosetti. Three hours a week, second semester.

V*a*. Credit hours 3.

SHAKESPEARE.—A brief survey of the development of the Elizabethan drama and a study of fifteen of Shakespeare's plays, illustrating his development as a dramatic artist. Three hours a week, first semester. Not offered in 1922-1923.

V*b*. Credit hours 3.

MODERN NOVEL.—A study of the tendencies of the modern novel. Hardy, Kipling, Wells, DeMorgan, Galsworthy, Bennett, Conrad, Howells. Two hours a week, second semester.

VII*b*. Credit hours 2.

NEWS WRITING.—An elementary course in journalism with special emphasis on the gathering and writing of news. Prerequisite, English I*ab*. Two hours a week, second semester.

VIII*a*. Credit hours 3.

AMERICAN LITERATURE.—A survey of the colonial period and study of representative works of Irving, Cooper, Bryant, Hawthorne, Emerson, Longfellow, Whittier, Holmes, Poe and Whitman. Three hours, first semester. Not offered in 1922-1923.

IX*a*. Credit hours 2.

DEBATES.—A course open to all college students.

IX*b*. Credit hours 2.

EXTEMPORANEOUS SPEAKING.—The course covers a study of various kinds of short informal speeches; their construction and delivery. Practice speaking comprises a major part of the work. Speeches are required that aim to develop the student's ability to talk under various conditions. Two hours a week, second semester.

FRENCH

A major in French shall consist of Courses I, II, III, IV, and V (24 hours). A student pursuing this major must also take one of the following: Advanced English, 6 hours; Latin, 16 hours; German or Spanish (exclusive of Course A), 12 hours; History, 12 hours; courses from the Political Science department, 12 hours.

A*ab*. Credit hours 8.

Open to Freshmen and to preparatory students who have successfully completed Preparatory French. Grammar, conversation and dictation.

Texts selected from: Halévy, "L'Abbé Constan-

tin''; Malot, ''Sans Famille''; ''Contes Bleus''; Labiche et Martin, ''Le Voyage de M. Perrichon''.

I*ab*. Credit hours 8.

Prerequisite, Course A. Careful study of grammar. Oral and written reproduction of selected passages of texts read.

Texts.—Bruce, ''Grammaire Française''; Lamartine, ''Jeanne d'Arc''; Hugo, ''La Chute''; Pailleron, ''Le Monde où l'on s'ennuie''; Buffum, ''French Short Stories''.

II*ab*. Credit hours 4.

Prerequisite, Course I. Advanced course in reading, composition and conversation.

III*ab*. Credit hours 4.

A brief survey of early French literature and study of seventeenth century literature with special emphasis upon Corneille, Molière and Racine. Not offered 1922-1923.

IV*a*. Credit hours 2.

Study of eighteenth century literature with special emphasis upon Voltaire, Rousseau, Beaumarchais and Marivaux. Not offered 1922-1923.

IV*b*. Credit hours 2.

The Romantic School. Not offered 1922-1923.

V*ab*. Credit hours 4.

Study of modern French literature with especial emphasis upon Flaubert, Maupassant, Daudet, Anatole France, Bourget, Rostand and Maeterlinck.

GEOLOGY

I*ab*. Credit hours 6.

The principles of general geology. Three hours per week throughout two semesters. The work of the first semester deals with structural geology and earth processes, that of the second with historical geology and the study of fossil remains. Throughout the course the dynamic viewpoint of geology will be emphasized. Two lecture periods and one laboratory, field or museum period per week.

Text.—Chamberlain and Salisbury, A College Text-book of Geology.

GERMAN

Students wishing to qualify for German I must offer two units of entrance work in the language or a certificate of one year's work in a college.

A*ab*. Credit hours 8.

Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

Texts.—Joynes and Wesselhoeft, German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee;

Hillern, Höher als die Kirche; or equivalents. Second semester a simple prose text. Four hours a week.

I*ab*. Credit hours 8.

Prerequisite, Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

Texts.—Wilkommen in Deutschland; Im Vaterland; Goethe, Herman und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug, or equivalents. Four hours a week.

II*ab*. Credit hours 6.

Prerequisite, Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

Texts.—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

III*ab*. Credit hours 6.

An advanced course in German literature open to those who have completed Course II.

GREEK

A major in Greek shall consist of 26 credit hours of Greek. A student pursuing this major must also take 16 credit hours of Latin and two years' work in French or German.

I*ab*. Credit hours 8.

The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II*ab*. Credit hours 6.

In the second year, the third book of the Anabasis and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III*ab*. Credit hours 6.

During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

HISTORY

A major in History shall consist of three full year courses, including History III, selected from those listed below. A student pursuing this major must also take course I*ab* in the Department of Political Science. He is required to take one year of advanced English or two years of college Latin.

I*ab*. Credit hours 6.

MEDIEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining

the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year. Given in alternate years. Given 1922-1923.

II*ab*. Credit hours 6.

English History.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as a requirement of Sophomores. Given in alternate years. Will not be given in 1922-1923.

III*ab*. Credit hours 6.

American History.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. The social, political and economic development of the United States from the Colonial Period through the expansion of America into a World Power will be studied. Text-books will form the basis of the course, but broad readings, reports, lectures and discussions will form the major part of the work. Three hours a week throughout the year. Required in the Politi-

cal Science Group; elective in Junior or Senior year in all other groups. Given in alternate years. Given 1922-1923.

IV*a*. Credit hours 4.

AMERICAN GOVERNMENT.—The purpose of this course is two-fold: to prepare students for more advanced study of government and to make them more intelligent citizens. The course deals with the origin, structure and development of national, state and local governments in the United States. Sophomores, Juniors, Seniors. Open to those who have had American History. Four hours a week, first half year. Not offered in 1922-1923.

IV*b*. Credit hours 4.

COMPARATIVE GOVERNMENT.—This course offers a comparative study of the constitutions and forms of government of the United States, England, Germany, France and Switzerland. Text-book and lectures. Juniors and Seniors. Second half year. Not offered in 1922-1923.

HOME ECONOMICS

The courses in Home Economics are designed to give the students practical scientific training in the most efficient and modern methods of meeting problems which confront women in the home, or to equip them for teaching the subject. Courses in related

sciences are given in connection with the work of this department which will enable the student to become sufficiently trained in technical subjects to teach, to engage in community work, or to act as matron or housekeeper in a public or private institution. Among these courses are Chemistry VI, a course in food chemistry; and Biology V, which deals with the physiology of the digestive system, bacteriology and sanitation.

These courses as well as a course in general chemistry are required of all students specializing in Home Economics.

The laboratories; a suite of three rooms, including a cookery laboratory, three large pantries, a dining room, and a sewing laboratory, are large and well lighted, and are entirely adequate to the needs. They are fully equipped, providing to each student opportunity for individual work.

A major in Home Economics shall consist of all the courses listed below or their equivalent. A student pursuing this major must also take Chemistry VI and Biology V.

I*a*. Credit hours 2.

FOODS AND COOKERY.—This course includes a general survey of the principles of cookery. The five food principles are studied in detail, and practice is given in the cooking of those foods which serve best as illustrations. The course includes, also, a study of the history of foods, their growth and manufacture. The class prepares and serves two meals. Four hours laboratory per week. Sophomore year, first half year.

II*b*. Credit hours 2.

CLOTHING AND TEXTILES.—In this course instruction is given in hand and machine sewing; knitting. darning and patching. Simple garments, including underwear, bungalow aprons, and house dresses are made. Four hours laboratory per week, second half year, Sophomore year.

III*a*. Credit hours 2.

HOME PROBLEMS.—This course includes instruction in the various problems relating to the home. It deals particularly with the following: House cleaning; emergencies that may arise in the home: first aid methods; the causes and prevention of contagious diseases; laundering of cotton, linen, woolen and silk fabrics. Two hours recitation per week. First half year, Sophomore year.

IV*b*. Credit hours 2.

ART APPRECIATION.—This course includes a general survey of the fields of architecture, sculpture and painting from ancient to modern times. Study is made also of principles involved in city planning. house decoration and costume design. Two hours per week recitation. Second half year, Sophomore year.

V*a*. Credit hours 2.

CLOTHING AND TEXTILES.—A continuation of previous work in clothing. Garments more difficult in design and construction. A study of textiles gives primitive forms of textile industries; their later development; characteristics of cotton, linen, woolen

and silk fibers. These facts are applied to purchasing of fabrics; to laundering of fabrics. Four hours laboratory per week. First half year, Junior year.

VI*b*. Credit hours 2.

FOODS AND COOKERY.—A continuation of previous courses in Cookery, with emphasis on menu making and table service. Four hours laboratory work per week. Second half year. Two hours credit. Junior year.

VII*a*. Credit hours 2.

HOUSE PLANNING.—A study of the evolution of the house; making of plans for modern houses; convenience and use of individual rooms; finish of wood work and walls; principles of decoration. Two hours per week of recitations. First half year, Junior year.

VIII*b*. Credit hours 2.

HOME SANITATION.—This course includes a study of the fundamental principles of sanitation as relating to a home. It deals particularly with the following problems: Selection of site for the house; situation of the house; care of the house with special reference to plumbing, heating, lighting and ventilation; destruction of household pests. Two hours per week of recitations. Second half year, Junior year.

IX*a*. Credit hours 2.

DIETETICS.—This course includes a study of the nutritive value of foods, with particular reference to the feeding of the individuals of different ages from childhood to old age. Dietaries for invalids and for

those suffering from diseases requiring special feeding are planned and prepared. Four hours laboratory work per week. First half year, Senior year.

X*b*. Credit hours 2.

DRESSMAKING AND MILLINERY.—Drafting of patterns; use of commercial patterns; characteristics of various fabrics and their suitability for various types of clothing. Making of shirt waist, house and afternoon dress. Work in millinery includes making of frames for hats; covering frames; trimming; retrimming of old hats. Four hours laboratory work per week. Second half year, Senior year.

XI*ab*. Credit hours 4.

METHODS IN HOME ECONOMICS.—This course includes a study of applied Home Economics from two viewpoints: (1) In the home. This deals with the correct apportionment of the family income; efficiency in management. Each Senior spends a certain length of time in practice housekeeping in the model cottage. (2) In the school. A study is made of the Home Economics movement; the development of the work and its introduction into our schools, colleges, and universities. Courses of study are planned for various types of schools. Each Senior is required to do practice teaching. Two hours recitation per week. Throughout the year, Senior year.

LATIN

The purpose of this department is to familiarize the student first with Latin literature of the Augustan

period and later with the Latin language as the vehicle of daily intercourse. Ease and accuracy in translations and a mastery of the general structure of the language are insisted upon. To accomplish this end, drills in idioms and inflections and practice in sight translations, oral and written, are frequent.

A major in Latin shall consist of four full year courses from those listed below. A student pursuing this major must also take two years of Greek.

I*a*. Credit hours 3.

LIVY.—This course embraces two books of Livy. Rapid reading and sight reading in easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Three hours a week. First half year. Freshman.

II*b*. Credit hours 3.

TACITUS.—This course embraces the Germania and Agricola. The Germania is studied for its intrinsic value as history; the Agricola is studied as history and as a biography. The Agricola of Tacitus and the Poet Archias of Cicero are studied as masterpieces in Latin literature. Three hours a week. Second half year. Freshman.

III*ab*. Credit hours 2.

PROSE COMPOSITION.—Required in Freshman year of all persons in Groups AI and AII and of all persons electing Latin I and II. One hour a week. Throughout the year.

IV*a*. Credit hours 4.

SELECTIONS FROM VIRGIL.—This course embraces Georgics I and IV, and selections from the Æneid. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrating Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Second half year.

V*a*. Credit hours 4.

SELECTIONS FROM OVID AND PROPERTIUS. — This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. First half year.

VI*b*. Credit hours 4.

HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Second half year.

VII*a*. Credit hours 4.

CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a

study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. First half year.

VIII*a*. Credit hours 3.

ROMAN COMEDY.—This course embraces the Captive and Trinumus of Plautus, the Phormio and Adelphoe of Terence, and is intended to give the student an idea of the fundamental qualities of Roman Comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Occasional lectures on Roman private life will be given. Three hours a week. First half year.

IX*b*. Credit hours 3.

TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Second half year.

MATHEMATICS

A major in Mathematics shall consist of courses I, II, III, and IV. A student pursuing this major must also take Physics I.

I*a*. Credit hours 5.

COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra,

and includes logarithms, progressions, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction of the theory of equations. Required of all Freshmen. Five hours. First half year.

Text.—Wells' College Algebra.

I*b*. Credit hours 3.

SOLID GEOMETRY.—Required of all Freshmen who do not present it for entrance. Three hours. Second half year.

Text.—Wentworth and Smith.

I*c*. Credit hours 2.

PLANE TRIGONOMETRY.—Derivation of formulae with their application; trigonometric equations; solution of right and oblique triangles; problems involving practical applications. Required of all Freshmen. Two hours. Second half year.

Text.—Wells' New Plane Trigonometry.

II*a*. Credit hours 4.

ANALYTIC GEOMETRY.—Discussion and construction of loci; the straight line; circle; parabola, ellipse and hyperbola; polar co-ordinates; tangents; also geometry of three dimensions, including the curve in space, the plane and quadratic surfaces. Four hours a week. First half year.

Text.—Smith and Gale's New Analytic Geometry.

II*b*. Credit hours 4.

ANALYTIC GEOMETRY AND MECHANICAL DRAWING.—The Analytic Geometry described in II*a* is continued two hours a week and two hours a week is given to mechanical drawing. Second half year.

III*ab*. Credit hours 8.

DIFFERENTIAL AND INTEGRAL CALCULUS.—Differentiation and integration of algebraic and transcendental functions; areas, volumes, and surfaces; infinite series; maxima and minima; properties of curves and radius of curvature; numerous applications to geometry; physics, chemistry and engineering. Required of all students majoring in Mathematics or Physics. Prerequisite, Mathematics II. Four hours throughout the year.

Text.—Granville.

IV*ab*. Credit hours 8.

DIFFERENTIAL EQUATIONS.—The solution of ordinary and partial differential equations of the first and higher orders. Geometrical, mechanical, and physical applications. Prerequisite, Mathematics III. Three hours throughout the year.

Text.—Murray's Differential Equations.

V*b*. Credit hours 3.

SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit, and level. Stadia and plane table work. The use of the solar attachment. Re-surveys. Laying out and dividing land.

Profile leveling and establishing grades. Computation of areas. Correct forms of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Prerequisite, Mathematics Ic. Three hours. Second half year.

VI*a*. Credit hours 2.

DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of astronomy and offers an elementary explanation of the methods by which the dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained.

A telescope, solar transit, students' spectrometer, and sextant enable the students to supplement their work with observations as required. Two hours. First half year.

PHILOSOPHY

I*a*. Credit hours 3.

PSYCHOLOGY.—A course in general Psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. First half year. Required of all Juniors.

Text.—James' Psychology, Briefer Course.

II*b*. Credit hours 3.

HISTORY OF PHILOSOPHY.—This course begins with a study of Greek Philosophy with especial attention given to Plato and concludes with an outline of mod-

ern theories of idealism. Representative thinkers in each of the main systems of philosophy are reviewed, and application is made to present day problems.

The text-books used are: Weber, "History of Philosophy," and Royce, "The Spirit of Modern Philosophy." Lectures, discussions and a thesis. Senior or Junior year. Three hours. Second half year. Offered in alternate years. Not offered 1922-1923.

III*b*. Credit hours 3.

ETHICS.—In this course the trend of Christian ethics is considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with text-book and a theme on some phase of ethical study. Three hours. Junior or Senior year. Second half year. Offered in alternate years.

IV*b*. Credit hours 2.

LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Second half year.

Text.—Jevon's Lessons in Logic.

For other courses, see Department of Education.

PHYSICS

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall.

A major in Physics shall consist of three full year courses, including I*ab* and II*ab*, selected from those listed below. A student pursuing this major must take Mathematics II and III.

I*ab*. Credit hours 8.

GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisite, Plane Trigonometry. Three lectures and recitations and two two-hour laboratory periods each week throughout the year.

No credit will be given for less than a year's work.

Text.—Kimball, College Physics.

II*ab*. Credit hours 6.

ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites, Physics 1 or an equivalent and Plane Trigonometry. Three hours throughout the year—lectures, problems, recitations, laboratory.

Text.—Timbie, Elements of Electricity.

III*b*. Credit hours 3.

THEORETICAL MECHANICS.—During the first quarter the subject is developed historically. During the second quarter a more detailed study is made of

problems in statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, Physics I. Lectures and recitations. Second half year.

IV*a*. Credit hours 3.

ELECTRON THEORY AND RADIOACTIVITY. — A study of Kathode Rays, conduction of electricity through gases, theories of atomic structure, radioactivity and X-rays. Prerequisite, Physics I. Lectures and recitations. First half year. Not offered 1922-1923.

IV*b*. Credit hours 3.

ELECTRIC WAVES.—Production and reception of damped and undamped waves with a special study of the three-element vacuum tube. Prerequisite, Physics I. Second half year. Not offered 1922-1923.

POLITICAL SCIENCE AND ECONOMICS

I*ab*. Credit hours 6.

ECONOMICS.—The purpose of this course is to give the fundamental principles underlying our industrial life. The course is based upon the study and discussion of a text-book supplemented by lectures and assigned readings on current economic problems. Juniors and Seniors. Three hours throughout the year.

II*a*. Credit hours 3.

POLITICAL SCIENCE.—The purpose of this course is to furnish an introduction to the study of the nature, origin, and evolution of the state, the more

important political theories and the organization and operation of government.

Text-book, assigned readings and reports. Juniors and Seniors. First half year.

III*a*. Credit hours 3.

SOCIOLOGY.—The purpose of this course is to furnish an introduction to the study of society. A study is made of the development of modern social institutions and attention is given to a consideration of social forces, social processes, policies and principles. Text-book, assigned readings, lectures and reports. Juniors and Seniors. First half year.

For other courses, see Department of History and Department of Education.

RELIGIOUS EDUCATION

I*a*. Credit hours 3.

THE CHURCH SCHOOL.—A study will be made of the organization and administration of the Sunday school. Special attention will be given to the departmental school, making local application where possible. In addition a study will be made of the necessary equipment, methods of keeping records and measuring the growth and development of the school. Three hours first semester.

II*b*. Credit hours 3.

TEACHING THE SUNDAY SCHOOL CLASS.—This course will make a study of the art of teaching a Sunday school class, including a study of the material

to be used and the equipment required. There will also be a study of the story and its use in the Sunday school, with practice work in the class, and a study of the methods for training the devotional life. Three hours second semester.

III*a*. Credit hours 3.

THE RURAL COMMUNITY.—A study will be made of the conditions that confront the rural communities. The study will face the moral, religious, social and educational problems of rural and village life. As far as possible the conditions prevailing in North Carolina will form the base of the study, and all through the course the point of view will be that of the churchman. Three hours first semester.

IV*b*. Credit hours 3.

THE PASTOR AND HIS WORK.—This course will include a study of the organization of the church for work in the community from the pastor's point of view. A large section of the course will be a study of the sermon and its construction. Practice work will be required in the class room. Three hours second semester.

V*a*. Credit hours 3.

FOREIGN MISSIONS.—This course includes a study of the religions, history of Christian Missions, missionary methods and biography of the different fields as they are presented. The course will consist of required readings, lectures and reports. Three hours first semester.

VI*b*. Credit hours 3.

HISTORY OF QUAKERISM.—This course deals with the history of the Society of Friends from the time of George Fox up to the present. Attention will be given to the conditions in England and America previous to the time of Fox. The various periods of Quaker history will be studied, including the founding of Pennsylvania, the migrations west, the separations, and the modern tendencies. Three hours second semester.

For other courses, see department of Biblical Literature.

SPANISH

The aim of this department is to give the student a knowledge of written and spoken Spanish not only for commercial purposes, but literary as well.

From this standpoint, the student is enabled to gain a two-fold knowledge of the language, by studying the life, customs and industries of our gifted neighbors on the south, and the best known works of the authors from the mother country, Spain. Both phases are emphasized in order to meet the desires of all.

No previous knowledge of Spanish is required for entrance to Course A.

A*ab*. Credit hours 8.

Texts.—Brief Spanish Grammar, Ingrahm and Edgren; Poco A Poco, Hall; First Spanish Reader, The Hispanic Series, Espinosa; Primer Libro de Lec-

tura, Walsh; Elementary Spanish-American Reader, The Hispanic Series, Berge-Soler and Hatheway. Four hours per week.

I*ab*. Credit hours 8.

Prerequisite, Course A or a two-year high school course. Four hours per week.

Texts.—Brief Spanish Grammar, Ingrahm and Edgren; Elementary Spanish-American Reader, The Hispanic Series, Berge-Soler and Hatheway; Essential Spanish Words and Phrases, Philip Dougherty; Fortuna, Escrich; Zaragüeta, Carrión and Aza; Spanish Composition, J. P. W. Crawford; El Reino de Los Incas, Garcilasco de la Vega; Novelas Cortas, Alarcón; Spanish Fables in Verse, E. C. and J. D. M. Ford.

MUSIC

It will be the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged which will tend to cultivate the taste, develop the mind and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

For entrance to the courses leading to a music diploma the following work is required:

English	3 units
Mathematics	2 units
Language	3 units
History	1 unit
Music	2 units
Elective	3 units
	14 units

Diplomas are given to those who complete the courses.

Credit toward the bachelor's degree to the amount of not more than eight hours will be allowed for work in the Junior and Senior years in Piano and Voice. This credit will not be allowed except upon the recommendation of the instructor in charge.

PIANO

This course covers a period of four years.

The attention of the student is called to the fact that there are extra charges in the Music Course. For tuition expenses in this department, see page 108.

An outline of the work required for a diploma in music is given below. Students who are taking the collegiate work leading to a bachelor's degree will be required to do only the music given in this outline. Students who are not planning to take a bachelor's degree must do all this work before receiving a diploma.

FRESHMAN

English	8
French	8
Elective	8
Theory	2
Piano	8
	34

Required practice per week, 10 hours.

SOPHOMORE

English	4
French	8
History	6
Harmony	4
Sight Singing	4
Piano	8
	34

Required practice per week, 12 hours.

JUNIOR

English	6
German	8
Psychology and Philosophy	6
Harmony	2
History of Music	2
Piano	8
	32

Required practice per week, 12 hours.

SENIOR

German	8
Counterpoint	4
Piano	12
Bible	8
	32

Required practice per week, 14 hours.

FRESHMAN

Special attention will be given to hand position, the proper use and control of fingers, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

SOPHOMORE

Finger and wrist exercises, scales taught in contrary and parallel motion, grouping by accents or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Selected studies from Czerny, Burgmüller, Loeschhorn, Op. 65, Bach's Two Part Inventions.

JUNIOR

Technical exercises. Scales in double thirds and sixths.

Studies by Bertini; Heller, Op. 47 and 45; Czerny, Op. 299; Bach; Loeschhorn, Op. 66; Czerny's "Legato and Staccato"; Sonatinas and easier Sonatas by Haydn, Mozart, Beethoven.

Mendelssohn's "Song Without Words."

Pieces by Handel, Jensen, Godard, Grieg, Raff, Henselt, Saint-Saens, Chopin, Schubert and others.

SENIOR

Technical exercises.

Studies of Cramer, Clementi's Gradus ad Parnassum, Bach's Well-Tempered Clavichord, Kullak's Octaves, Beethoven's Sonatas, Chopin's Etudes.

Pieces by Weber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concertos by Beethoven, Mendelssohn and others.

Upon the satisfactory completion of the regular four years' theoretical and literary course, together with the four years' course in piano, the candidate for a diploma must satisfactorily perform programs conforming to the following schedule:

A concerto of advanced difficulty, a Beethoven sonata, selections from the more important works of Schumann, Chopin, Grieg, and composers of the modern schools.

VOCAL

The course covers a period of three years and comprises a thorough study of the correct principles of voice production and art of singing. Relaxation, breathing, and tone placing, ease of tone production and refinement of tone are insisted upon. Simple exercises for the placing and development of the voice are used, such as parts of scales, scales, arpeggios, and selected vocalises. Special attention is given to diction in English, Italian, German and French, as well as to artistic interpretation.

For graduation from the Vocal Department, the student is required to take an examination in Piano, Theory, Harmony, and Musical History.

FIRST YEAR

Vocalises: F. Sieber, Op. 92-97 for corresponding voices; Concone, Op. 9, and similar studies.

Repertoire: Songs will be selected mainly from folk songs and classical repertoire. Small songs like the following may be given for examination at the end of the first year: Folk Songs; "The Blue Bells of Scotland"; "All Through the Night" (Welsh Air); "Drink to Me Only With Thine Eyes" (Old English); Mendelssohn, Op. 9, No. 5, "In Autumn"; Op. 8, No. 7, "May Song"; Op. 99, No. 3, "The Favorite Spot"; Weber's "Cradle Song".

SECOND YEAR

Technique: The technical work of the second year is the logical continuation of the first year's work. Ease of production, quality of tone, range and power are developed, bad habits are overcome, and correct ones acquired.

Vocalises: In addition to the material given in the first year, there should be added: "Salvatore Marchesi," Op. 15, twenty elementary and progressive vocalises; Concone, Op. 10, twenty-five lessons.

Repertoire: Songs like the following should be satisfactorily rendered at the examination: MacDowell's Op. 47, No. 1, "The Robin Sings in the Apple Tree"; Mendelssohn's Op. 71, No. 3, "To the Distant One"; Op. 47, No. 6, "By the Cradle"; Franz, Op. 5, No. 5, "Maid with Lips Like Roses Blooming"; Op. 9, No. 3, "Entreaty"; Schumann's Op. 127, No. 2, "Thy Lovely Face"; Op. 79, No. 14. "Ladybird".

To the repertoire of the second year should be added also the anthology of Italian song of the seven-

teenth and eighteenth centuries as bases of study in voice development and in old Italian style, which is the foundation of all singing schools.

THIRD YEAR

Technique: With normal development, the voices will differentiate more and more, and greater discrimination than in the preceding years will be found necessary in selecting exercises and songs for high, medium and low voices.

Vocalises: Bordogni, twenty-four easy vocalises; Parofka, Op. 81, Book 2.

Repertoire: Songs of the Romantic and Modern Schools as well as Classical Schools should be studied with great thoroughness and care, and songs from Handel, Schubert, Beethoven, Mendelssohn, Schumann, Franz, Brahms and modern songs by American, French and German composers are included in this year. Selections from standard oratorios and operas are also studied.

FINAL EXAMINATIONS

The quality of each voice should be good (considering the natural quality of each voice as the standard to go by). Throughout the range of each voice, scales must be sung in piano and in forte, up and down, without showing an abrupt change of quality in changing from one tone to another, nor showing any undue effort in ascending or descending. Throughout the range of the voice, the student should be able to hold each tone and to swell and diminish

it at will. During the second and third year, the student should be able to sing in good English, and also in Italian, German or French with good diction. Special attention will be given to articulation, pronunciation and interpretation.

SIGHT SINGING

The object of this course is to enable the student to sing an ordinary melody at first sight, to know at first sight how music should sound and to write a melody after learning it.

This course is especially for beginners. It begins with the simplest intervals and rhythms and progresses until it includes difficult passages in modern vocal music. Two hours a week.

Text.—Dannhauser, Exercises in Solfeggio, Books I, II and III.

THEORY

I*ab*. Credit hours 2.

Acoustics, only those facts which are of the utmost importance to musicians, are considered. Musical terminology; the orchestra and its instruments; study of rhythm and accent; embellishments; metre; hymn construction; figure treatment; phrasing; melodic construction; song forms; sonata forms; symphony; rondo, concerto; overture; aria form; recitative; canon, counterpoint; figure.

This course gives the student the knowledge to analyze, phrase and teach the various forms of music. One hour a week throughout the year.

Text.—Elson's Theory of Music.

HARMONY

I*ab*. Credit hours 2.

This course begins with the study of scales, construction of major and minor scales leading to given intervals; study of triads; common chords; harmonizing melodies, either a given soprano melody or a figured bass; harmony in the minor; chords in first and second inversions; cadences; chords of the seventh; uses of dominant seventh chords and sequences. One hour a week.

Text.—Preston Ware Orem's Harmony Book.

II*ab*. Credit hours 4.

In the second year the course begins with the study of melody making; modulations; altered chords; non-harmonic tones; accompaniments; harmonization of chorales. Two hours a week.

Texts.—Chadwick's Harmony, Exercises by Benjamin Cutter.

HISTORY OF MUSIC

I*a*. Credit hours 2.

A course in the history of music is offered for the benefit of the students in music. Two hours a week first semester.

VIOLIN

Those who wish to take violin should write to the president of the college in regard to the matter.

PREPARATORY WORK

In order to provide for graduates of schools that do only three years of high school work and for other high schools that do not prepare for college, we offer the work described below. Students who have completed ten units of high school work, including two years of English and all of high school Algebra, will be admitted to this preparatory department.

FIRST HALF YEAR		SECOND HALF YEAR	
English C	5	English C	5
Cæsar	5	Cæsar	5
Cicero	5	Virgil	5
Plane Geometry	5	Plane Geometry	5
American History	4	American History	4
Science	4	Chemistry A	4

ENGLISH

Cab. English C completes the preparation for college work. Constant practice in the various forms of composition is given. Correct expression, grammatical accuracy, and the logical construction of long papers are the chief objects of the course. Five classics are read.

English C is required of all students who have had only three years of High School work and also of all students who have presented only two units of entrance credit in English.

Texts.—Canby and Opdycke, "Elements of English Composition"; Burke's Conciliation with Amer-

ica; Macbeth; Essay on Burns; Essay on Johnson, and Milton's Minor Poems.

LATIN

B*ab*. Cæsar's Gallic War and Latin Composition.—This course extends through the second year, embracing four books (I-IV). Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

C*a*. Cicero and Composition.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at. Oratorical style, historical and biographical setting are considered.

C*b*. Virgil and Composition.—This course embraces four books of Virgil. Composition weekly. A thorough drill in syntax is given. Poetic peculiarities and prosody are studied.

FRENCH

For those students who wish to offer two units of French for entrance the following provision has been made:

Preparatory French.—Entrance credit, one unit. Open to any preparatory student. Essentials of grammar, conversation. "La Belle France."

FRENCH A.—Entrance credit, one unit. Prerequisite for preparatory students, Preparatory French.

Grammar, conversation, dictation.

Texts selected from the following: Halévy, "L'Abbe Constantin"; "Contes Bleus"; Labiche et Martin, "Le Voyage de M. Perrichon"; Malot, "Sans Famille".

MATHEMATICS

PLANE GEOMETRY.—Five books and numerous original exercises. Five hours throughout the year.

Text.—Wentworth and Smith.

HISTORY

B*ab.* AMERICAN HISTORY.—A course in the history of the American nation is offered to students in the preparatory work. This may be used as an elective in making up the required number of entrance units. Four hours a week throughout the year.

SCIENCE

A*a.* The work in Science during the first half year will consist of general work in science with emphasis upon physics, physiology, physiography or biology, according to the needs of the class and the work they have had before coming to Guilford.

A*b.* CHEMISTRY.—The second half of the year will be devoted to an elementary preparatory course in general chemistry. Recitations and laboratory work. This prepares students for the college work in Chemistry.

THE MUSEUM

The cabinet of natural history specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandott Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archæological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 specimens. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

There are two literary societies for young men, the Henry Clay and the Websterian. They were organized in 1885 and have ever since exercised a strong and helpful influence on college affairs. These two societies occupied rooms in King Hall until that building was burned in 1908. In 1917 the societies moved into two large rooms on the second floor of the Y. M. C. A. building. These rooms have been handsomely furnished and are well equipped for every purpose, both social and literary.

The two societies for young women are the Zatasian and the Philomathean. These societies came into existence when the Philagorean Society was divided in 1908. The rooms occupied by these two societies are on the first floor of Founders Hall, and are beautifully and tastefully furnished.

The four societies meet every week on Friday night. Nearly every student in College belongs to one of them and all members are required to participate in the programs. Much valuable practice is gained in debate, oratory, declamation, extemporaneous speaking, the rendition of vocal and instrumental music, essay writing, and in the rules of parliamentary procedure. Each society conducts annually an oratorical contest.

During the year four formal inter-society receptions are given.

THE Y. M. C. A. AND Y. W. C. A.

The Young Men's and Young Women's Christian Associations of Guilford College were organized in 1889, and have a membership embracing practically the entire student body. Meetings are held every Thursday night and are addressed by students, members of the faculty, and speakers from outside the College. Joint meetings of the two Associations are held Sunday mornings. The Y. M. C. A. meets in the assembly room on the lower floor of the Y. M. C. A. Building and the Y. W. C. A. has a room in Founders Hall especially devoted to its use. A number of outside activities are conducted by committees appointed from these Associations.

Bible classes are held Sunday morning in which a majority of the students are enrolled. Weekly mission study classes are also conducted. The Associations yearly send delegates to the interstate convention and to the Student Conferences at Blue Ridge.

Committees are appointed by the Associations to meet new students on their arrival and give them every possible assistance. The Associations publish each summer a handbook of information about the College which is especially useful to new students. The social affairs of the College are in the hands of committees appointed by the Associations which work in conjunction with the faculty social committee.

Around the Y. M. and the Y. W. C. A. the religious life of the College centers and from them radiates a Christian influence which penetrates every phase of college activity.

THE COLLEGE CHORUS

The College Chorus is a mixed choir of fifty voices. The music studied is from the best composers. Each Monday evening at 6:45 the Chorus meets at Memorial Hall for music study. Twice a year an entire musical program is rendered. Director, Mr. White.

THE GUILFORDIAN BOARD

The Guilfordian Board edits and publishes "The Guilfordian," the college weekly. It consists of twelve members elected by the four literary societies. The editor-in-chief, the alumni editor, the business manager and the two faculty advisers are elected by the Board. The Board is provided with a comfortable office room in Founders Hall.

THE ALUMNI ASSOCIATION

The Alumni Association is organized with the following officers: President, J. O'Neal Ragsdale; vice-president, Henry Davis; secretary, Rhesa L. Newlin; registrar, Julia S. White.

The Alumni Association, through its committees, extends aid to the College in various ways. There are committees on Athletics, Campus, Literary Work, Christian Work, and Publicity. A loan fund has been created by the Association for assisting students. Two meetings are held each year, one at commencement and the other in August. The Association pub-

lishes a bulletin in which reports of the year's proceedings can be found.

THE ATHLETIC ASSOCIATION

The Athletic Association has general oversight of the athletic interests of the College. Each student pays an athletic fee which makes him a member of the Association with full athletic privileges, along with the right to attend the college athletic contests.

All intercollegiate athletics are under the general direction of the Athletic Director and the Faculty Committee on Athletics, working in conjunction with the Athletic Association, a student organization. The managers of the teams are elected by the Athletic Association. The Athletic Council, which decides all important questions relating to athletics and which makes the financial appropriations, is made up of the Faculty Committee on Athletics, the Athletic Director, the officers of the Athletic Association, and the managers of the teams. There is also an Alumni Committee on Athletics.

The major sports are: Track, football, basketball, baseball and tennis, and ample facilities are provided for each of these. All schedules of games must be submitted to the Faculty Committee on Athletics for approval before final arrangements are made.

Athletic contests are promoted for the benefit of bona fide students only, and only such are permitted to represent the College in any athletic contest.

No student shall become a member of any Guilford College team during the Fall Term who registers after October 1st, nor shall any student become a member of a team during the Spring who registers after February 1st.

No student shall participate in any athletic contest who fails to pass at least eight hours of the work of the quarter previous to that in which the contest occurs.

No student shall be eligible for any athletic team who shall have been a member of any of the professional or league teams named in the classes A, B, C, and D in the publication of the National Baseball Commission.

PHYSICAL EDUCATION FOR WOMEN

AIMS

The aims of the department are as follows: (*a*) to provide an incentive and an opportunity for every student to engage in exercise daily for the promotion of health and efficiency; (*b*) To create enthusiasm and a constructive interest in play.

REQUIRED WORK

Regular physical exercise is required of all students. One hundred hours is the minimum required for one year. All students are required to take fifty per cent of their one hundred hours of exercise in class work, except during their Junior and Senior years.

MEDICAL AND PHYSICAL EXAMINATIONS

A medical and physical examination of all students will be required preliminary to their participation in the work of the department. No one will be permitted to engage in competitive athletics unless physically fit.

VOLUNTARY EXERCISE

Inter-class and inter-group contests will be conducted in all sports and activities, and are open to all students who are physically fit.

CREDIT

The amount of physical culture that is taken is entered upon the students' college record, and thereby becomes a part of any statement of the work completed by the student.

PUBLICATIONS

The Guilford College Bulletin is issued by the College four times a year. Included under this are: The Catalogue, The Alumni Bulletin, the various announcements and reports. These bulletins will be sent free of charge to any one on request.

The Guilfordian is published weekly by a board of editors elected by the four literary societies. Its main function is that of a college newspaper, but it also contains considerable material of a purely literary character. Alumni, old students, and friends of the College find it a valuable means of keeping informed as to what is going on at the College. The subscription price is $1.50 per year. Address all subscriptions to the business manager.

The Quaker is published at irregular intervals of one to two years by the Senior Class. It serves as a class book and also as a complete record in the form of pictures, poems and sketches of the various student activities of the College.

The Y. M. C. A. Yearbook is published during the summer by the Y. M. C. A. It contains all the information about the College affairs useful to new men.

SCHOLARSHIPS, PRIZES AND HONORS

SCHOLARSHIPS

Haverford and Bryn Mawr College each offer annually to Guilford College a scholarship. In selecting members of the Senior Class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account. No one will be considered eligible to these scholarships who has not been a student at Guilford College for at least two years.

HAVERFORD

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of $300.00. The selection is made on the basis explained above.

BRYN MAWR

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of $400.00. The candidate is selected according to the statement above.

BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP

The Bible Teachers' Training School, of New York City, offers a fellowship in their School of Theology to be awarded each year upon recommendation of the faculty of Guilford College, to a member of the graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The fellowship provides board, room and tuition and $50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

MARVIN HARDIN SCHOLARSHIP

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, has endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the Spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

PRIZES

LITERARY SOCIETY PRIZES IN ORATORY

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award an orator's prize. This prize is awarded at an oratorical contest which is held by each society some time during the year.

LITERARY SOCIETY PRIZES FOR IMPROVEMENT

Each of the four literary societies awards an improvement prize. This prize is given to the new member making the most improvement during the year.

DECLAMATION PRIZES FOR HIGH SCHOOLS

Each year there is held at the College a declamation contest for high school students. Each high school is entitled to send two contestants, a young man and a young woman. Two prizes are awarded, one to the successful young man and the other to the successful young woman.

These contests are conducted by the College literary societies in order to stimulate literary society work in the high schools.

HONORS

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent in any subject, shall be entitled to "Honors".

Members of the Junior class who receive an average grade of 95 per cent in their major work and do not receive a grade below 90 per cent in any subject shall be entitled to "Special Honors".

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent, shall be entitled to "Highest Honors".

DISCIPLINE

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great care is taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student shows little or no inclination to study, or if he fails to co-operate with the faculty in maintaining good order or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed or his parents requested to withdraw him.

Students not members of the Senior or Junior classes, wishing to go to Greensboro or to any place at a distance from the College, must obtain permission from the proper authorities.

The reading of pernicious literature, hazing in any form, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other

dangerous weapons, are considered grave offenses, and treated accordingly.

The effect of tobacco on the minds of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds. If any student persists in using it elsewhere, his standing thereby will be lowered and so entered upon his record.

During the Christmas and Easter vacations no meals will be served at the College and all rooms must be vacated.

EXPENSES

The amounts given below cover the board, room rent, laundry, tuition, registration fee, athletic fee, library fee and lecture fee for the entire academic year of nine months.

Boys living in Cox Hall	$345.00
Girls living on second floor Founders Hall	335.00
Girls living on third floor Founders Hall	325.00
Girls living in New Garden Hall, not including laundry (estimated)	210.00
Boys rooming in Archdale Hall	300.00
Boys who are day students	98.00
Girls who are day students	95.00

Students who study Biology, Chemistry, Geology, Physics or Surveying will be charged laboratory fees and those studying Home Economics and Music pay fees in addition to the amounts given above. For these charges see the following pages.

College students taking more than 18 hours of work and preparatory students taking more than 20 hours must pay $2.00 extra for each additional hour.

A deposit fee of $2.00 for women and $5.00 for men is required. After all unnecessary damages are assessed the remainder is returned at the end of the year.

A graduation fee of $10.00 is charged at the end of the college course.

The matron of the College looks after cases of slight illness, but in cases requiring a physician the student is charged for medical attention and nursing.

Thirty per cent of the total charges for the year are due at the beginning of the year, September 12th; 20 per cent on November 15th; 30 per cent at the beginning of the second half year, January 29th, and 20 per cent on April 3rd. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid for board will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

Except in special cases, no reduction is made for students who enter college late. No reduction for a fraction of a week will be made.

A fee of $2.00 is charged for the privilege of late registration.

LABORATORY FEES

Laboratory fees not included in the foregoing statements are as follows:

Chemistry A or VI	$ 5.00
Other courses in Chemistry	15.00
Biology	8.00
Geology	4.00
Surveying	1.00
Physics	10.00
Preparatory Science	3.00
Home Economics (8 hours' work)	25.00
Mechanical Drawing	1.50

COST OF INSTRUCTION IN MUSIC

Piano, two lessons per week	$60.00
Vocal lessons, two lessons per week	60.00
One lesson a week, in Piano	36.00
Use of Piano for practice, one period daily	10.00
Each additional period	6.00
Certificate for graduation in Music	5.00

Day students taking music only will be charged $75.00 a year.

Students living in the dormitories must take at least one college subject in addition to their music.

Music students who take but one college subject will be charged $45.00 less than the sum of the amount for music and the other college subjects. Music students who take two college subjects will be charged $15.00 less than the total amount for music and other college subjects.

NEW GARDEN HALL FOR YOUNG WOMEN

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the matron of New Garden Hall the actual cost of board in advance. In this way the board will be furnished for about $8.00 or $9.00 per month for each girl. Girls in this Hall may do their own laundry work. If this work is sent to the College laundry, the cost will be $18.00 per year.

LOAN FUNDS

The College is in possession of several funds, the income from which is loaned deserving students. Students who use these funds sign a note which does not bear interest until date of leaving college. The signature of some other responsible person is required. Three of these funds are: The Miles White Beneficial Society Loan Fund, The Philadelphia Fund, and the Richardson Fund, the combined income from which is about $1,200.00 annually. The College Loan Fund consists of the gradual accumulation from payments of former loans. A loan fund has also been created by the Alumni Association.

MINISTERIAL STUDENTS

Students who are preparing for the ministry receive free tuition. Such students who ask for the remission of the tuition fee must sign a note which will be cancelled as soon as the signer is recognized or ordained as a minister of the gospel or appointed to a mission field. Otherwise the note will be in full force and will draw interest.

SELF-HELP

Guilford offers many opportunities for self-help. It is the aim of the College that no one shall be turned away for lack of means. Many students at the College are now paying a large part of their expenses either by earning or by borrowing money. Some students secure positions as waiters or janitors,

while others work on the campus or farm. The opportunity to devote all of one's time to study is, however, worth considerable financial sacrifice and students are not encouraged to do other work unless it is necessary.

ROOMS

No extra charge is made for light and heat in the dormitories. All rooms are fitted up with electric lights.

The rooms are comfortably furnished with bed room furniture—single beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels, and napkins.

Any student may retain his room from one academic year to the next by giving due notice of his intention in writing before May 1st. Vacant rooms will be assigned in order of application.

Except a few single rooms in Founders, all are furnished for two students each.

A student may elect to occupy a double room alone. When this is possible, it will be allowed, but the charge will be one-half the regular room rent extra.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services and lectures.

Students after arranging for rooms and board are not allowed to change without the consent of the authorities.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room. Every student must make his bed and put his room in order before 10 o'clock each morning. All rooms will be inspected periodically. Any misappropriation or defacement of furniture or fixtures or any damage to the building will be charged to the occupants of the room where such damage occurs. This includes damage to the walls incurred by driving in tacks or nails. Pictures must be hung on the picture moulding provided for the purpose.

Tampering with the electric lights creates danger of fire, and is therefore forbidden. No student is allowed to use a lamp of higher candlepower than 25-watt Mazda.

GENERAL INFORMATION

Students are met at the Guilford College station, on the railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station a moderate charge will be made to students, members of the faculty, or visitors.

On arriving at the College at the beginning of the term, young men should go to the office of the Dean of men in the center section of Cox Hall and make arrangements for occupying the room which has been assigned to them. Young women should see either the Dean of Women at Founders Hall or the matron at New Garden. Students should then go to the President's office in Memorial Hall and be properly registered and to the Dean's office to be classified.

The next step is to go to the Treasurer's office. The first payment on all charges is due at the beginning of the term and no student is fully matriculated until his card has been signed by the treasurer, thus indicating that satisfactory financial arrangements have been made.

Students sustain a great loss who are not present at the opening of the term.

Every article of clothing sent to the laundry must be plainly marked with the full name of the owner in indelible ink.

Telegraph and express offices are established at Guilford College station. The College has telephone connection with all points both on the local and long distance line.

The College post office is "Guilford College, North Carolina," and all mail should be so addressed.

DEGREES, PRIZES AND HONORS 1920-1921

DEGREES

The following degrees were conferred on commencement day, May 31st, 1921:

BACHELOR OF ARTS

Frances Willard Bulla
Robert Chapman Bulla
Myrtle Roella Cox
Dovie Hepler Hayworth
Florence Nightingale Martin
Ada Lea McCracken
Algia Innman Newlin
Herman Clyde Raiford
Okie Irene Raiford
Esther Thomas Stewart
Grace Elizabeth Stone
Lindley Ernest Tremain
Rawleigh Lewis Tremain
Berry Lee White

BACHELOR OF SCIENCE

Madge Albright Coble
Mary Dixon
Clara Barton Farlow
Edward Lewis Hollady
Marjorie Williams

SCHOLARSHIPS AND PRIZES

Bryn Mawr Scholarship Myrtle Roella Cox
Haverford Scholarship Algia Innman Newlin
Marvin Hardin Scholarship Elma Ruth Reynolds
Websterian Orator's Prize Hersal Luther Macon
Henry Clay Orator's Prize J. Spottiswood Taylor
Philomathean Orator's Prize Elma Ruth Reynolds
Zatasian Orator's Prize Eva Gertrude Holder
Websterian Improvement Prize Fred C. Winn
Henry Clay Improvement Prize Allison A. White
Philomathean Improvement Prize Lillian H. Hadley
Zatasian Improvement Prize Nellie Francis Allen
Freshman Declamation Prize Helen Orval Johnson
Peace Contest Prize William A. Wolff
High School Declamation Contest—
Prize for the Girls Jennie May Cannon
Prize for the Boys George Poe

STUDENTS

GRADUATE STUDENT

Knight, Louetta Ellen Guilford College, N. C.

SENIORS

Brown, Annie Estelle Woodland, N. C.
Cox, Florence Talitha Goldsboro, N. C.
Farlow, Ralph Kelsey Guilford College, N. C.
Hodgin, Sydnor Gladstone Winston-Salem, N. C.
Hollady, Everette Lewis Guilford, N. C.
Lindley, Mary Blanche Snow Camp, N. C.
McBane, Henry Grady Saxapahaw, N. C.
Newlin, James Curtis Saxapahaw, N. C.
Outland, Ruth Evangeline Woodland, N. C.
Pancoast, Ruth Isabel Purcellville, Va.
Raiford, Lulu Jackson Ivor, Va.
Raiford, Margaret Edna Ivor, Va.
Rudd, William Lee Burlington, N. C.
Teague, Eurie Ellen Liberty, N. C.
Ward, Mabel Cornell Rich Square, N. C.
White, Esther Katherine Guilford College, N. C.
White, Fernando Murray Belvidere, N. C.
White, James Hugh Belvidere, N. C.
White, Marianna High Point, N. C.
Williams, Lyle Lyndon East Bend, N. C.
Yates, Elizabeth Winston Guilford College, N. C.
Zachary, Alta Cora Graham, N. C.

JUNIORS

Allen, Nellie Frances Snow Camp, N. C.
Bostick, Helen Worth Worthville, N. C.
Carroll, Nell Pemberton Mizpah, N. C.
Crews, C. A. Dewey Walkertown, N. C.
Farlow, Vera Gertrude High Point, N. C.
Henley, Clara Barton Taylorsville, N. C.
Johnson, Hattie Allene Siler City, N. C.
Lassiter, Henrietta Mechanic, N. C.
Merriman, Charles Benbow Oak Ridge, N. C.

Mock, Lena Josephine Clemmons, N. C.
Motley, Sara Hope Danville, Va.
Pearson, Ruth Hazel Dudley, N. C.
Rabey, Lois Marie Suffolk, Va.
Raiford, Clementine Ivor, Va.
Reynolds, Elma Ruth High Falls, N. C.
Robertson, Helen Frances Guilford College, N. C.
Robertson, Mabel Delphina Guilford College, N. C.
Rush, Alta Gertrude Guilford College, N. C.
Taylor, James Spottiswood, Jr. Danbury, N. C.
Wolff, William A. Greensboro, N. C.

SOPHOMORES

Allred, David Edgar Greensboro, N. C.
Beaman, Marie Ruth Troy, N. C.
Blair, William Wesley Greensboro, N. C.
Brooks, Elizabeth Hanner Mt. Vernon Springs, N. C.
Cannon, John Webb Guilford College, N. C.
Casstevens, Minnie Yadkinville, N. C.
Chilton, Emma Alice Ararat, N. C.
Clodfelter, Shelly Loraine High Point, N. C.
Farlow, Elbert Wray High Point, N. C.
Farlow, Zelma Leah Guilford College, N. C.
Finch, Mary Ruth Guilford College, N. C.
Harris, Samuel Parkin Thomasville, N. C.
Holder, Eva Gertrude Tobaccoville, N. C.
Lassiter, Robert Glenn Mechanic, N. C.
McCracken, Zola Elizabeth Guilford, N. C.
McGee, Frank Germanton, N. C.
Macon, Hersal Luther Climax, N. C.
Marshall, Annie Rooney Westfield, N. C.
Norman, Loula Atha East Bend, N. C.
Osborne, Virginia Pleasant Garden, N. C.
Paul, Ophelia Ring Elkin, N. C.
Ragsdale, Ruth Madison, N. C.
Shore, Henry Bascom East Bend, N. C.
Shore, Marvin H. Yadkinville, N. C.
Taylor, Nellie Luna Danbury, N. C.
Watkins, Ethel Lenore Wadeville, N. C.

FRESHMEN

Andrew, Mattie Liberty, N. C.
Ayers, Una Florence Summerfield, N. C.
Bingham, Fannie Blanche Farmer, N. C.
Blalock, Nida Lee Guilford College, N. C.
Branson, Byron Russell Goldsboro, N. C.
Brown, Edwin Pierce George, N. C.
Bundy, Ruby Gertrude Jamestown, N. C.
Cannon, Jennie Howard Guilford College, N. C.
Casey, Jesse Frank Mount Airy, N. C.
Chilton, Nellie Emily Walnut Cove, N. C.
Coble, Clara Maie Guilford College, N. C.
Coble, Edna Maude Guilford College, N. C.
Conner, Max Brinson Belhaven, N. C.
Cox, Alpheus Milton Asheboro, N. C.
Craton, Swannie Graham, N. C.
Cummings, Robert Earl Stokesdale, N. C.
Donnell, Pansy Climax, N. C.
Doub, Anna Lucinda Tobaccoville, N. C.
Edmund, Carrie Dyne Lumberton, N. C.
English, Nereus Clarkson, Jr. Trinity, N. C.
English, Thomas R. Trinity, N. C.
Frazier, John Wesley Liberty, N. C.
Futrell, Gladys Rich Square, N. C.
Garner, Frances Margaret Waynesville, N. C.
Griffin, Wilma Lois Snow Camp, N. C.
Guthrie, Hubert Garvice Snow Camp, N. C.
Hendren, Irene Durand Elkin, N. C.
Henley, Mary Calhoun Laurinburg, N. C.
Henley, Mary Evelyn Taylorsville, N. C.
Hobson, Daisy Ulala East Bend, N. C.
Holder, Edward Maxwell Tobaccoville, N. C.
Howell, James Wilkesboro, N. C.
Jinnette, Olive Wilson Bentonville, N. C.
Jones, Nell May Walnut Cove, N. C.
Knight, Paul Gilmer Stokesdale, N. C.
Lambeth, Katie Lou Guilford College, N. C.
Lane, Jack Foust Mt. Vernon Springs, N. C.
Lee, Frank Birton Kannapolis, N. C.
Levering, Frances Margaret Guilford College, N. C.

Levering, Ruth Ellena Guilford College, N. C.
Lowe, Alice Ione Asheboro, N. C.
McAdoo, John Brantley Charlotte, N. C.
McBane, Mabel Graham, N. C.
McBane, Thomas Everette Graham, N. C.
Mackie, Thad Hinshaw Guilford College, N. C.
Merriman, Lloyd Ella Oak Ridge, N. C.
Neal, Bertha May Walnut Cove, N. C.
Neal, Nannie Falsom Belew Creek, N. C.
Neece, Laura Edith Climax, N. C.
Neece, Mary Etta Climax, N. C.
Nicholson, Newlin Bartimus Saxapahaw, N. C.
Perry, Pearl Mae Thomasville, N. C.
Phipps, Bessie Greensboro, N. C.
Pinchback, Aubrey Morrison Blanch, N. C.
Pringle, Harriet Vaughn Campbell, N. C.
Ragsdale, John O'Neill Madison, N. C.
Reynolds, John Ozment High Falls, N. C.
Richardson, Lee T. Benaja, N. C.
Riley, Kathleen Pleasant Garden, N. C.
Ross, Annie Louise Morganton, N. C.
Sampson, Ruth Virginia Greensboro, N. C.
Scott, Mattie Lee East Bend, N. C.
Siske, Pherlie Mae Pleasant Garden, N. C.
Sloope, Mabel Lucile China Grove, N. C.
Smith, Charles Dan Greensboro, N. C.
Smith, Jeremiah Addison Greensboro, N. C.
Smith, Mary Margaret Greensboro, N. C.
Staley, Fairy Gertrude Climax, N. C.
Steele, Susan Wagram, N. C.
Taylor, Winnie Milton, N. C.
Tesh, Helen Lee Mayodan, N. C.
Thompson, Annabel Greensboro, N. C.
Tuttle, Ghita Helen Rural Hall, N. C.
Tyson, Marie Harris Mebane, N. C.
Watson, Kathryn Lee Pinnacle, N. C.
White, Inez Mae Belvidere, N. C.
White, Myrta Elizabeth Belvidere, N. C.
White, Sylvia Anna Belvidere, N. C.
White, Vivian Robert Belvidere, N. C.
Wilkins, Mary Lou Rose Hill, N. C.
Wilkins, Sallie Vann Rose Hill, N. C.

Williams, Della Mae Yadkinville, N. C.
Winslow, Linwood Clinton Belvidere, N. C.
Winslow, Martha Grace Belvidere, N. C.
Zachary, Bertha Emma Graham, N. C.

SPECIAL STUDENTS

Edgerton, La Mont S. Goldsboro, N. C.
Edwards, Herman Guilford College, N. C.
Fishel, William Jacob McLeansville, N. C.
Frazier, John Gurney, Jr. Guilford College, N. C.
Gray, Robert Ernest Greensboro, N. C.
Hall, Bettie Eleanor Rose Hill, N. C.
Johnson, Jeremiah Robert Riley's Store, N. C.
Mackie, Florence Christine Guilford College, N. C.
Norman, Beulah Lee East Bend, N. C.
Pringle, Alonzo Josephene Campbell, N. C.
Pringle, Martha Elizabeth Campbell, N. C.
Pugh, Myrtle Ulalah Asheboro, N. C.
Purvis, Rufus Curtis McConnell, N. C.
Robertson, Blanche Guilford College, N. C.
Shore, Barney Clyde Yadkinville, N. C.
Thompson, Alfred Wade Denton, N. C.
Woody, Thomas Clarkson High Falls, N. C.

PREPARATORY DEPARTMENT

Allen, Beulah Oyama Atlanta, Ga.
Been, Edna Mae Guilford College, N. C.
Berry, William L. Wilmington, N. C.
Beeson, Hansel Clarkson Randleman, N. C.
Blaylock, Vernon Lee Guilford, N. C.
Bowman, Margaret Elizabeth Reidsville, N. C.
Burrus, Flora Elizabeth Mooresboro, N. C.
Cardwell, Lucile Madison, N. C.
Conner, Walter Clark Rich Square, N. C.
Cooper, Robert Bernie Pelham, N. C.
Creel, Charles Belton Winston-Salem, N. C.
Crisp, George B. Falkland, N. C.
Crutchfield, Frank Lindley Guilford, N. C.
Doughton, Frank Page Guilford College, N. C.
Edwards, Walter Goodman Hertford, N. C.
Ferrell, George Stuart Guilford, N. C.

Frazier, Helen Louise Guilford College, N. C.
Gibson, Samuel Braxton High Point, N. C.
Gloff, Stewart Austin Thomasville, N. C.
Hadley, Clara Munson Rochester, N. Y.
Hayworth, Orvie William McKinley High Point, N. C.
Hobbs, Edward D. Tampa, Fla.
Hodges, Ruth Click Mocksville, N. C.
Hodges, Sara Rebecca Mocksville, N. C.
Hodgin, David Eugene Guilford College, N. C.
Hollady, Era Margaret St. Petersburg, Fla.
Hollowell, Edith Elizabeth Guilford College, N. C.
Idol, Max Colfax, N. C.
Jackson, Artena Cox Guilford, N. C.
Jenkins, Thomas Calvin Winston-Salem, N. C.
Johnson, Eleanor Maie Sophia, N. C.
Jones, Myrtle Maria Guilford College, N. C.
Joyce, James Brantley Danbury, N. C.
Kendall, Clyde Edward Guilford, N. C.
Kenney, George Theodore Burlington, N. C.
Lim, Chang Choon Pyoung Yaung, Korea
Lindley, Alfred Cornelius Guilford College, N. C.
Lindley, Francis Henley Guilford College, N. C.
Loflin, Carl Fullers, N. C.
Lowe, Patsey A. Stanley, N. C.
McBane, Joseph Neave Graham, N. C.
McBane, Waldo Tyree Graham, N. C.
McDaniel, James Allen Asheboro, N. C.
McMahan, Sara Frances Mocksville, N. C.
Marshburne, Mary Blanche Guilford College, N. C.
Medlin, Marion Butler Raleigh, N. C.
Mitchell, Mary Anna Reidsville, N. C.
Payne, Andrew Gorrell High Point, N. C.
Penny, James Cicero, Jr. Greensboro, N. C.
Ragsdale, Joseph Sinclair Jamestown, N. C.
Rowland, Winnie Mae Barium Springs, N. C.
Shaver, Eugene Winston-Salem, N. C.
Smith, Wade Trinity, N. C.
Smithdeal, Grace Elizabeth Advance, N. C.
Stuart, Marguerite Guilford College, N. C.
Tate, Murray Evans Mebane, N. C.
Tatum, Joseph Myron Olin, N. C.
Taylor, William Claire Milton, N. C.

Thomas, Fred Guilford College, N. C.
Tuttle, Viola Eugenia Rural Hall, N. C.
Vaughn, William Edward Stokesdale, N. C.
Vuncannon, Flay Marguerite Asheboro, N. C.
Warrick, Leslie Elton Goldsboro, N. C.
Winchester, Phil W. Summerfield, N. C.
Winn, Fred C. Columbus, Ga.
Woody, J. Paul Saxapahaw, N. C.
Wright, Susie Emma Pelham, N. C.
Zachary, James Walter, Jr. Cooleemee, N. C.

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Guilford College, N. C.

"To be at home in all lands and all ages; to count nature a familiar acquaintance, and art an intimate friend; to gain a standard for the appreciation of other men's work and criticism of one's own; to carry the keys of the world's library in one's pocket, and feel its resources behind one in whatever the task he undertakes; to make hosts of friends among men of one's own age who are to be leaders in all walks of life; to lose one's self in generous enthusiasm, and co-operate with others for common ends, to learn manners from students who are gentlemen, and form character under professors who are Christians—these are the returns of a college for the best four years of one's life."

FOREWORD

READ THIS!

and the next page before reading the rest of catalogue.

Guilford is a **Standard "A" College** according to the principles adopted by the North Carolina College Conference in 1922.

The degree of **Bachelor of Arts** or **Bachelor of Science** is conferred on those who complete the four years of work outlined in the various departments.

There are **twenty departments:**

1 Biblical Literature and Religious Education
2 Biology
3 Chemistry
4 Education
5 English
6 French
7 Geology
8 German
9 Greek
10 History
11 Home Economics
12 Latin
13 Mathematics
14 Philosophy
15 Physics
16 Political Science and Economics
17 Spanish
18 Piano Music
19 Vocal Music
20 Physical Culture

It is the purpose of the managers of the institution to build up a **college of three hundred students,** a hundred and fifty men and a hundred and fifty women, all of whom are graduates of a four-year high school. This makes enough students to carry on all the usual college activities. With this number it would be possible to preserve the **unity of the student body.** The average person can become personally acquainted with that many each year, but not with more than that.

It is also the purpose of the management to provide a **faculty of thirty** experienced and well trained teachers and officers—twenty-five of whom shall be teachers—to care for and train these three hundred students. We now have two hundred and forty students and twenty-seven teachers and officers, twenty-two of whom are teachers.

HOW TO READ THE CATALOGUE

In preparing this catalogue we have endeavored to present in the briefest possible manner the equipment and opportunities offered at Guilford College. We wish to eliminate all unnecessary material and to present in a clear outline the many interesting activities of the energetic life of the college.

1. First of all we give the dates of some of the most important events of the year: **Calendar, page 5.**
2. Next to this, will be found the names and organization of the men and women who have charge of the college: **Personnel, pages 6-13.**
3. The history and purpose of the institution together with the equipment in buildings, books and apparatus make a third chapter to our story: The history covers a period of four generations, and the policy and equipment have grown out of the labors of these generations: **History, Policy, Equipment, pages 14-27.**
4. The fourth chapter deals with the preparation required of those who wish to join the student body: **Requirements for Admission, pages 28-31.**
5. Some of the plans for the grouping of students for their work and for reporting this work are given under: **Rules Regarding Classification and Grading, pages 32-33.**
6. What one must do in order to be entitled to the bachelor's degree is presented under: **Requirements for Graduation, pages 34-36.**
7. The departments into which the class-work is divided and the various courses given by each department are presented in detail: **Departments of Instruction, pages 37-85.**
8. The student activities outside of classroom work are carried on by various organizations: **College Organizations, pages 86-92.**
9. Various Scholarships, Prizes and Honors are awarded each year. These are listed and those receiving them in 1921-1922 are given under: **Scholarships, Prizes, and Honors, pages 93-97.**
10. A few of the disciplinary requirements are described: **Discipline, pages 98-99.**
11. The charges and a general discussion of the expenses at the college will be found under the heading: **Expenses, pages 100-105.**
12. Some instructions for the benefit of new students should be read by those who are planning to come to the college for the first time: **General Information, pages 106-107.**
13. **A List of Students** attending the college in 1922-1923 is given on: **Pages 108-114.**

CALENDAR

EIGHTY-SEVENTH ACADEMIC YEAR

1923

September 11th Beginning of the Session
Registration and Classification
September 12th, 8:20 a. m. Recitations Begin
September 22nd Examinations for Removing Conditions
November 13th First Quarter Ends
November 29th Thanksgiving Recess
Community Singing
December 8th Henry Clay Oratorical Contest
December 19th, 11:30 a. m. Christmas Recess Begins

1924

January 2nd, 1:20 p. m. Recitations Resumed
January 21st to 26th Mid-Year Examinations
January 28th Second Term Begins
February 9th Zatasian Oratorical Contest
March 8th Examinations for Removing Conditions
March 31st Third Quarter Ends
April 12th Websterian Oratorical Contest
April 17th, 11:30 a. m., to April 23rd, 1:20 p. m.
Easter Recess
May 17th Philomathean Oratorical Contest
May 26th to May 31st Final Examinations
June 1st Baccalaureate Service
Sermon Before the Christian Associations
June 2nd Senior Class Day
Annual Meeting of the Alumni Association
June 3rd Commencement Day
Conferring of Degrees
Commencement Address

BOARD OF TRUSTEES

	Term Expires
Henry A. White, High Point, N. C.	1923
D. Ralph Parker, High Point, N. C.	1923
C. P. Frazier, Greensboro, N. C.	1924
Walter E. Blair, Greensboro, N. C.	1924
J. Elwood Cox, High Point, N. C.	1925
Jeremiah S. Cox, Greensboro, N. C.	1925
David White, Greensboro, N. C.	1926
Zeno H. Dixon, Elkin, N. C.	1926
Charles F. Tomlinson, High Point, N. C.	1927
Dudley D. Carroll, Chapel Hill, N. C.	1927
Joseph D. Cox, High Point, N. C.	1928
Paul C. Lindley, Pomona, N. C.	1928

J. Elwood Cox, *Chairman*
David White, *Secretary*

ADVISORY COMMITTEE

	Term Expires
Roxie D. White, Guilford College, N. C.	1923
Sandia Lindley, Pomona, N. C.	1923
Mary M. Petty, Greensboro, N. C.	1924
Gertrude W. Mendenhall, Greensboro, N. C.	1924
Bertha Cox, High Point, N. C.	1924
Mary D. Cox, High Point, N. C.	1925
Mary E. M. Davis, Guilford College, N. C.	1925

STANDING COMMITTEES OF THE TRUSTEES

Officers and Faculty—C. F. Tomlinson, D. D. Carroll, J. D. Cox.

Literary Department—Dudley D. Carroll, C. F. Tomlinson, Zeno H. Dixon.

Boarding Department—C. P. Frazier, Zeno H. Dixon, Walter E. Blair.

Buildings and Grounds—D. Ralph Parker, David White, H. A. White.

Water, Lights and Heat—H. A. White, J. S. Cox, D. Ralph Parker.

Farm—Walter E. Blair, Paul C. Lindley.

Endowment Fund—J. E. Cox, David White.

Auditing and Finance—J. S. Cox, D. D. Carroll.

Committee to Confer with Committee from Yearly Meeting—J. S. Cox, C. P. Frazier.

FACULTY

RAYMOND BINFORD, S. M., PH. D.

BIOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph. D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., summers 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., summers 1912-1917; Professor of Biology and Geology, Guilford College, 1901-1914; Professor of Zoology at Earlham College, 1914-1918; President of Guilford College, since 1918.

LEWIS LYNDON HOBBS, A. M., LL. D.

LATIN

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philosophy, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Guilford College, since 1888.

ELWOOD CHAPPELL PERISHO, M. S., LL. D.

LECTURER AND DIRECTOR OF COLLEGE EXTENSION

B. S., Earlham College, 1887; M. S., Earlham College, 1889; Scholar University of Chicago, 1893-1894; Fellow University of Chicago, 1894-1895; LL. D., Earlham College, 1910; Assistant in Science, New Garden Boarding School, 1887-1888; Professor of Mathematics, Guilford College, 1888-1893; Assistant in United States Geological Survey (field work), 1894; Professor of Zoology and Physics Wisconsin State Normal, 1895-1903; Professor of Geology, University of South Dakota, and State Geologist of South Dakota, 1903-1914; Dean of the College of Arts and Sciences, University of South Dakota, 1907-1914; President of the State College of Agriculture and Mechanical Arts, South Dakota, 1914-1919; Educational Administrator and Lecturer, U. S. Army Educational Corps, 1919-1920; Member of Faculty American Army University, Beaune, France, 1919; Lecturer, since 1920.

H. LOUISA OSBORNE, A. B.

LATIN

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Guilford College, since 1892.

MARK BALDERSTON, A. B.

PHYSICS

A. B., Haverford College, 1912; Student Haverford University, 1912-1913; Instructor Lafayette College, 1913-1915; Guilford College, since 1915. On leave of absence.

BESSIE V. NOLES, A. B.

HOME ECONOMICS

A. B., Bessie Tift College, 1906; Teachers' College, Columbia University, 1915; Librarian and Instructor, Bessie Tift College, 1906-1914; Teacher of Home Economics, Salem College, 1915-1917; Guilford College, since 1917.

FRANCIS CHARLES ANSCOMBE, A. B.

HISTORY AND BIBLICAL LITERATURE

A. B., Earlham College, 1916; Assistant in Biblical Literature, ibid., 1916; Assistant in English and Graduate Student, ibid., 1917; Instructor in Bible, ibid., summer 1920; Graduate Student Johns Hopkins University, 1917-1918; Guilford College, since 1918.

J. WILMER PANCOAST, B. S.

MATHEMATICS

B. S., Swarthmore College, 1901; Special Work at University of Pennsylvania, University of Cornell, University of Chicago; Instructor of Mathematics, George School, Bucks County, Pennsylvania, 1902-1918; Guilford College, since 1919.

L. LEA WHITE, A. B.

EDUCATION

A. B., Guilford College, 1904, and Haverford College, 1905; School of Education, University of Virginia Summer Session, 1907; Principal Jamestown High School, 1905-1910; Principal Winston-Salem City High School, 1910-1920; Guilford College, since 1920.

MARY ALINE POLK, A. M.

ENGLISH

A. B., Indiana University, 1915; A. M., Leland Stanford University, 1920; Teacher of English, Fritchton, (Indiana) High School, 1915-1919; Instructor in French and Spanish, Oakland City College, spring quarter 1919; English, Guilford College, since 1920.

RHESA LANCASTER NEWLIN, M. S.

MATHEMATICS AND PHYSICS

B. S., Guilford College, 1917; M. S., University of Chicago, 1922; Instructor in Mathematics, Clemson College, 1919-1920; Guilford College, since 1920.

HERBERT NICKSON BAKER, B. S.

ASSISTANT IN BIOLOGY AND AGRICULTURE

B. S., in Agriculture, Kansas State Agricultural College, 1920; Guilford College, since 1920.

ROBERT HORNIMAN DANN, A. M.

RELIGIOUS EDUCATION

A. B., Pacific College, 1917; A. M., Haverford College, 1918; Instructor Oak Grove Seminary, 1919; Graduate Student Andover-Harvard, 1920; Guilford College, since 1920.

JAMES WESTLEY WHITE

VOCAL

Student at International School of Vocalists, Boston; Private Teachers, New York; Soloist in leading churches of Boston and New York, in festivals and tours; Director of Chorus and Choir; Instructor in Vocal Music, Guilford College, since 1919.

BEATRICE LYNNE BYRD, B. M.

PIANO

B. M., Greensboro College, 1914; Voice Diploma, Greensboro College, 1914; Pupil of Anthony Carlsen, Los Angeles, Calif.; Studio Assistant to Director, Greensboro College, 1913-1914; Teacher of Voice and Piano, Greenville (S. C.) Woman's College, 1916-1918; Guilford College, since 1919.

KATE BRITTAIN SMITH, A. B.

ENGLISH

A. B., Guilford College, 1919; Graduate Student Bryn Mawr, 1919-1920; Teacher of English, Boulder City Schools, Col., 1920-1921; Guilford College, since 1921.

ROBERT S. DOAK, A. B.

MEN'S PHYSICAL DIRECTOR

A. B., Guilford College; Coach Elon College, 1911-1915; Coach Basket ball and Track, Trinity College, 1916; Coach, Guilford College, 1916-1918; Athletic Work for Y. M. C. A. with A. E. F. in France, 1919; Guilford College, since 1919.

VIRGINIA ISABEL ROBINSON

DIRECTOR OF WOMEN'S PHYSICAL EDUCATION

B. S., University of Missouri, 1921; Student of Spanish, Normal University, Las Vegas, New Mexico, 1919: Student of Industrial Art School, Chicago, 1920: Director of Girls' Physical Education and Teacher of Art, High School, Novelty, Mo., 1917-1918; Director of Women's Physical Education and Instructor in Violin, Guilford College, since 1921.

LYRA MILES DANN, A. M.

PIANO

A. B., Pacific College, 1917; Graduate Student Willamette University, 1917-1918; A. M., Columbia University, 1919; Professor of Education, Pacific College, 1919-1921; Assistant in Piano, Guilford College, since 1921.

MADAME BOLETTE DE DURAS-HOFFMANN

FRENCH

B. es L., Geneva University; Student at Sorbonne; Special work at University of Heidelberg, and Columbia University; Principal Anglo-French School, Toronto, 1910-1920; Instructor of Romance Languages and German, Toronto Conservatory of Music, 1915-1920; French and Italian, Rayson School, New York City, 1921-1922; Guilford College, since 1922.

HEDWIG H. HOFFMANN, A. M.

FRENCH AND SPANISH

B. A., University of Toronto, 1919; M. A., (French), University of Toronto, 1920; A. M., (German), Columbia University, 1921; Specialist in Modern Languages and History, Faculty of Education, University of Toronto, 1920; Carl Schurz Fellow, Columbia University, 1920-1922; Instructor of German, Columbia University, 1921-1922; French and Spanish, Guilford College, since 1922.

JOSEPH DIXON WHITE, A. M.

CHEMISTRY

B. S., Guilford College, 1919; B. S., Haverford College, 1920; A. M., Haverford College, 1921; Assistant in Chemistry, ibid., 1920-1921; Graduate Student Harvard University, 1921-1922; Austin Teaching Fellow in Chemistry, ibid., 1921-1922; Professor of Chemistry, Guilford College, since 1922.

OFFICERS OF ADMINISTRATION

RAYMOND BINFORD
PRESIDENT

H. LOUISA OSBORNE
DEAN OF WOMEN

RHESA L. NEWLIN
DEAN OF MEN

BESSIE V. NOLES
SECRETARY

MAUD L. GAINEY
TREASURER

KATHERINE C. RICKS
LIBRARIAN

VIRGINIA I. ROBINSON
REGISTRAR

SARAH E. BENBOW
MATRON

ROBERT MARSHALL
SECRETARY TO THE PRESIDENT

MAUDE SIMPSON
STENOGRAPHER

EMILY R. LEVERING
MATRON NEW GARDEN HALL

COMMITTEES OF THE FACULTY

Absences—Rhesa L. Newlin, H. Louisa Osborne, Herbert N. Baker, Virginia I. Robinson.

Athletics, Boys—L. Lea White, Robert S. Doak, J. Wilmer Pancoast, Rhesa L. Newlin.

Athletics, Girls—Virginia I. Robinson, Bessie V. Noles, Kate B. Smith.

Campus—L. Lyndon Hobbs, Sarah E. Benbow, Bessie V. Noles, Herbert N. Baker, Margaret Anscombe.

Credentials—L. Lea White, Mary A. Polk, Virginia I. Robinson, Joseph D. White.

Debates and Lectures—Robert H. Dann, L. Lyndon Hobbs, Francis C. Anscombe, James W. White, Helen T. Binford, Hedwig H. Hoffmann, Kate B. Smith.

Discipline—H. Louisa Osborne, Rhesa L. Newlin, L. Lea White, Herbert N. Baker, Emily R. Levering, Bessie V. Noles.

Examinations—J. Wilmer Pancoast, Kate B. Smith, Joseph D. White.

Executive—L. Lyndon Hobbs, Rhesa L. Newlin, H. Louisa Osborne, L. Lea White.

Library—Katherine C. Ricks, J. Franklin Davis, Francis C. Anscombe, Mary A. Polk, Bessie V. Noles.

Publications—Francis C. Anscombe, Mary A. Polk, Robert H. Dann, Hedwig H. Hoffmann.

Social—H. Louisa Osborne, J. Wilmer Pancoast, Robert H. Dann, Lyra M. Dann, Katherine C. Ricks, Joseph D. White.

HISTORY, POLICY, EQUIPMENT

NEW GARDEN BOARDING SCHOOL

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and twenty-five years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership — a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1830 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

GUILFORD COLLEGE

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the state in 1888, with authority to confer academic degrees upon the completion of a college course.

POLICY AND IDEALS

The founders of the College desired to establish an institution where a broad liberal culture might be secured with homelike surroundings and under religious influences. The history of the College has continuously demonstrated that these ideals have been attained to an unusual degree. An education which has for its sole object the increasing of the earning power of the student has no place at Guilford, for while this object is not lost sight of in the rigid mental training that is given and in the various professional courses which are offered, yet an earnest effort is made to combine with an increase in ability an increase in spiritual insight and a widening of the mental horizon.

Although Guilford College cannot properly be classed as a professional school, yet the College is abundantly prepared to give in its well equipped and up-to-date laboratories thorough scientific training for advanced professional study. The immature student gains the advantage of the intimate personal oversight of the faculty such as is possible in a small college only.

In accordance with the ideals outlined above, the course is designed to include something of every important phase of human knowledge, but the requirement is also made that one subject be studied with sufficient thoroughness to make that a life work if desired.

A good many Guilford students teach, and the excellent reputation which the graduates of the College have acquired in this work has been due to the fact that the College insists on the importance of acquiring a thorough knowledge of the subject to be taught. A sufficient number of courses in Education are offered to give the student a proper professional training and satisfy all the state requirements.

Thoroughness in all things and a serious effort to avoid all sham and pretense have characterized the policy of the College since the beginning.

RELIGIOUS EXERCISES

Although under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the

religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote a positive, healthy religious life.

All students are required to attend the regular meetings for worship held once a week.

The Y. M. C. A. and Y. W. C. A., in which nearly every student is enrolled, are very active organizations, and through their weekly prayer meetings, Bible classes, Mission Study classes, etc., exercise a helpful and uplifting influence.

LOCATION

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro, in the midst of a progressive neighborhood, was chosen. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and hickory trees. For nearly eighty-six years the institution has flourished and developed.

MATERIAL EQUIPMENT

FARM AND CAMPUS

The College property consists of two hundred and ninety acres of campus, field and woodland. The campus and athletic fields occupy about thirty acres. About half of the remainder has been cleared, most of which has been built up by a splendid system of cultivation. A fine herd of carefully selected grade Guernsey cattle is housed in a well appointed dairy barn to the east of the campus. The college table is supplied abundantly with milk and butter of the highest grade. An increasing effort is being made by the farm management to supply the major portion of the vegetables and fruits, both fresh and canned, which the college family uses during the year. The farm and dairy equipment and management are thoroughly modern in every respect and are valuable object lessons for students interested in agriculture.

The campus with its fine old oaks is the peer of any in the state. About it in a large quadrangle are grouped the ten principal buildings, all of which, except the gymnasium, are of brick, thoroughly substantial and unusually pleasing in appearance.

FOUNDERS HALL

On entering the grounds at the "1909" gateway one sees the white pillars of Founders Hall at the end of the long vista down the drive. This is the oldest building of the group. It was erected in 1837. In 1908 it was entirely remodeled and the second and

third floors equipped as a modern dormitory for girls. On the first floor are the dining room, the halls of the Philomathean and Zatasian Literary Societies, the matron's rooms, reception rooms and office of The Guilfordian. On the second floor is an assembly room for the Young Women's Christian Association.

ARCHDALE HALL

This hall was erected in 1886, and was named in memory of the Quaker Governor, John Archdale. It is used as a dormitory and will comfortably accommodate forty-eight men.

Y. M. C. A. HALL

This hall was built in 1891 to accommodate the Young Men's Christian Association. The upper floor has been made into two handsomely equipped literary society rooms for the Websterian and Henry Clay Societies.

MEMORIAL HALL

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also to supply an auditorium. This building was erected in 1897, and is named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

This building contains the offices of the President, the Dean, the Treasurer and the Business Manager, the Book Store, Postoffice, the Chemical Laboratory and Lecture Rooms, the Biological Laboratory, the Music Department, the Auditorium, and the Museum.

NEW GARDEN HALL

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work, thus lessening their expenses. The Hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

THE LIBRARY

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. It is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study.

The original Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been to make it most available for use, hence our facilities for reference work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of its intellectual life.

There are now over ten thousand volumes in the Library and these are in use daily by students and persons connected with the College. The reading room is well supplied with the state papers, and the

best of magazines and periodicals representing general literature and the special departments.

KING HALL

The present King Hall is the third building so named, the former two having been destroyed by fire. The building as now constructed contains six class rooms, the Physics Laboratory and the laboratory for Home Economics.

COX HALL

Cox Hall is a dormitory for young men. The three center sections were built in 1912 and two new sections were added in 1917. This building will accommodate 104 students. The sections have separate entrances and are divided from each other by solid fireproof walls. On each floor of each section there are four rooms, and each group of four has its own shower bath and lavatory. There is hot and cold water in each room. In the basement is a locker room and shower baths for day students and visiting athletic teams.

THE CHURCH

The large meeting house was erected in 1912 to accommodate the sessions of the Yearly Meeting. It serves for the regular religious meetings of the College community.

THE GYMNASIUM

The Gymnasium contains an excellent basketball floor 50 x 76 feet. There are two galleries giving ample room for spectators at intercollegiate contests.

ATHLETIC FIELDS

The athletic equipment is large enough to enable every student in College to secure an abundance of outdoor exercise.

The Hobbs Athletic Field is a carefully graded tract of ground of three acres, perfectly adapted to football, soccer, baseball and track. It is surrounded by a quarter mile running track with a 100-yard straightway.

There are ten sand-clay tennis courts on the campus, giving ample room for all to play who desire to do so.

The girls' athletic grounds are situated to the west of New Garden Hall.

THE LABORATORIES

The College possesses four laboratories: Chemistry, Physics, Biology, and Domestic Science. These laboratories, comfortably situated in large, well lighted rooms, are well equipped with modern apparatus and offer every facility for elementary or advanced work.

The various material resources outlined above have been made possible by the generosity and aid of a large circle of friends of Guilford College, and everything has been done with a view to giving young women and young men a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These equipments represent a pretty large outlay of money and thought, and show that the management

has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

THE MUSEUM

The cabinet of natural history specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandott Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archæological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 specimens. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

ENDOWMENT

The encouragement to make still greater provision for the future, which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving $45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College $25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave $15,000 to the endowment, making their total donations to Guilford $25,000. Among the benefactors is Samuel Hill, who gave $5,000 in memory of his father, Nathan B. Hill,

and $6,000 subsequently for improvement in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of $5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of $12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of $5,000 is in memory of Francis White who, in his lifetime, gave assistance and great encouragement to the work of eduation in North Carolina.

The Jonathan E. Cox Fund of $5,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of $1,573 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of $1,500—a scholarship fund.

The Richardson Fund of $2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of $1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of $500, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of $5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of $1,000—scholarship fund.

The Doctor Dicia Baker Fund of $7,540, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of $500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The John B. Griffin Fund of $1,250—a scholarship fund for girls.

The Joseph J. Cox Memorial Fund of $3,500—for the Biblical Department.

The Rufus and Lydia White Memorial Fund of $1,000—endowment.

The George W. White Memorial Fund of $1,000—endowment.

A fund of $1,000 for ministerial students or those preparing for Christian work, established by Elwood Cox.

The Richard L. and Hettie Overman Hollowell Fund of $10,000.

The total sum of permanent funds—those named above, and others—is $215,000.00. The plant and endowment are estimated to be worth $640,000.00.

REQUIREMENTS FOR ADMISSION

Graduation from an accredited high school or the equivalent.

Candidates for admission to the Freshman Class must have completed an accredited high school or a high school approved by the colleges of North Carolina, or they must have done work equivalent to graduation from one of the above described schools.

Applicants will be admitted without examination upon the presentation of a certificate of graduation from an accredited, or approved high school, provided the certificate shows the subjects taken in high school, the time devoted to each and the grade received. (See subjects required for entrance.)

Applicants who are not graduates of an accredited or approved high school but who present certificates showing the completion of work equivalent to graduation from an accredited high school may be admitted upon examination. The questions for this examination will be prepared by a commission appointed by the colleges of the state. An opportunity to take the examination will be given in June at the office of the Superintendent of Public Instruction in each county. Another opportunity will be given at Guilford College in September. Any one interested in arranging to take these entrance examinations should write to the President of the College for information concerning methods of procedure. The President of

the College will also be glad to advise students concerning opportunities to prepare for these examinations.

SUBJECTS REQUIRED FOR ENTRANCE

Entrance certificates must show the completion of the following units in order to secure Freshman standing:

English	3 units
Algebra	1½ units
Plane Geometry	1 unit
Foreign Languages	2 units
History	1 unit
Electives	6½ units

ELECTIVE SUBJECTS

The electives must be selected from the following subjects:

Subjects	Maximum Units
English	4
Social Science, including History and Civics	5
Mathematics, Algebra, Plane and Solid Geometry and Trigonometry	4
Greek	3
Latin	4.7
French	3
German	3
Spanish	2
Physiography	1 or .5
General Science	1 or .5
Biology	1 or .5
Botany	1 or .5
Zoology	1 or .5
Physiology	1 or .5
Chemistry	1 or .5

Physics	1 or .5
Drawing	1
Vocational Subjects	
Commercial Geography	.5
Agriculture	2
Manual Training	2
Home Economics	2
Stenography	1
Commercial Arithmetic	1
Bookkeeping	1
Bible	2
Music	2
Expression	.5

A high school course taken five periods a week for one school year is valued at one unit.

Not less than two units will be accepted in any one language, unless presented as an elective.

Students who intend to major in the departments leading to the degree of Bachelor of Arts should present four units of Latin for entrance, and must present two, except those majoring in the department of History, who may present French or German.

Students who intend to major in Mathematics, or some one of the sciences, and receive the degree of Bachelor of Science should, if possible, present French or German for entrance.

The amount of credit given for work in Natural Science, General Science, Physics or Chemistry will depend upon the laboratory work done in connection with the course as shown by a laboratory notebook which the applicant must submit in order to receive credit amounting to more than one-half of a unit.

The entrance credit allowed for vocational work will depend upon the nature of the work done and

upon the notebooks or other records which the student may submit.

One unit in Biblical Literature is accepted from Sunday schools which comply with the standards set by the Council of Church Boards of Education.

ADMISSION TO ADVANCED STANDING

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

RULES REGARDING CLASSIFICATION AND GRADING

SPECIAL STUDENTS

Persons of mature age, who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

REGULATIONS REGARDING RE-EXAMINATIONS

Opportunities for the removal of First Term conditions will be given in March and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to remove a condition must repeat the course, the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

GRADING OF STUDENTS

A student's standing is determined by daily recitations, hour examinations and final examinations. Reports are issued quarterly. At mid-year and at the end of the year the report covers the work for the whole of the previous term. The grades attained are indicated by the letters A, B, C, D and E. A indicates a grade from 91 to 100; B from 81 to 90; C from 70 to 80; D from 50 to 70; and E below 50. The numerical grades do not appear on the reports. A D grade for the term's work indicates a failure, with the privilege of passing the course by re-examination. An E grade for the term indicates that the course must be repeated.

All serious breaches of discipline, including all unexcused absences from classes, will be recorded on the reports.

CHANGING CLASSIFICATION

No student shall be allowed to change his classification without the consent of the Dean and the heads of the departments concerned. Only under very exceptional circumstances will such changes be allowed later than two weeks after matriculation.

REQUIREMENTS FOR GRADUATION

The course of study includes both required and elective subjects, so combined that the student may specialize in one field and at the same time acquire that general culture and breadth of knowledge which comes from a variety of studies.

The courses are valued by the credit hour, which is equivalent to one recitation a week for a half year of eighteen weeks. To obtain a degree a student will be required to complete a minimum of 124 credit hours and make an average grade of 75 per cent.

The following outline will indicate what subjects are required and what are elective and also show the amount and nature of the class work required for graduation:

COURSE OF STUDY

FRESHMAN YEAR

FOR A. B. DEGREE		FOR B. S. DEGREE	
English I	6	English I	6
Mathematics	9	Mathematics	9
Choose two of the following:		German or French	6
French, German, Greek, Spanish, History I or II	12	Chemistry I	8
Electives	3	Electives	3

SOPHOMORE YEAR

English II	6	English II	6
History I or II	6	History I or II	6
Language pursued in Freshman year	6	German or French	6
Chemistry I or Physics I	8	Biology I	8
Electives	6	Electives	6

JUNIOR YEAR

Biology I	8	German or French	6
Psychology	3	Psychology	3
Foreign Language	6	Electives	21
Electives	15		

SENIOR YEAR

Biblical Literature	6	Biblical Literature	6
Electives	24	Electives	24

RULES GOVERNING ELECTIVES

In choosing electives the student must take at least 24 hours' work in one subject known as the major subject. There are eleven departments from which one may choose a major. The requirements for each major and the accompanying minors are stated at the beginning of the description of each department in which a major is offered.

Candidates for the A. B. degree must select their majors from the departments of Biblical Literature, English, French, Greek, History or Latin. Candidates for the degree of B. S. must select their majors from the departments of Biology, Chemistry, Home Economics, Mathematics or Physics. For the A. B. degree a student must elect two years of either French or German or Spanish, and no one may be graduated with less than three years of foreign language. For

the B. S. degree a student must have had Course A or an equivalent in French and German and Course I in either of the languages.

A student who offers only two years of foreign language for entrance will be required to take four years of college work in foreign language before graduation.

Only those who are planning to take a major in the Department of History are allowed to elect history in the Freshman year.

THESIS

A dissertation on some scientific or literary subject is required of all Seniors. The subject must be related to a department in which the student has done eighteen hours work.

PHYSICAL EDUCATION

Regular physical exercise is required of all students. One hundred hours is the minimum required for one year. The amount of Physical Culture that is taken and reported is entered on the student's college record and thereby becomes a part of any statement of the work completed by the student.

DEPARTMENTS OF INSTRUCTION

For work in Agriculture, see the Department of Biology.

BIBLICAL LITERATURE AND RELIGIOUS EDUCATION

Guilford College is able to meet the needs of those who wish to prepare themselves for the Christian Ministry, but who do not expect to take a course at a Theological Seminary. The fundamentals are taught in a thoroughly scholarly, yet reverent way, and the various courses in this department are designed to thoroughly equip young men and women for various kinds of Christian service.

Students planning to go to a Theological Seminary will find that Guilford College is prepared to give them the necessary foundation for such studies.

A major in this department consists of 24 hours' work selected from the courses described below.

Six hours in English III, IV, V, or VI are required, and two years of an ancient language.

Students majoring in this department should elect courses in Philosophy.

Iab. Credit hours 6.

BIBLICAL LITERATURE.—The work in Biblical Literature consists of a survey of Hebrew and Jewish

history, with special studies in the prophetical writings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

II*a*. Credit hours 3.

THE HEBREW PROPHETS.—This course is designed to give the student an introduction to the personalities, methods and accomplishments of the Hebrew prophets. Commencing with the Book of Judges, the development of Monotheism and Judaism is traced until the Restoration. The prophet is shown to be a man of his own age as well as a man of God. The historical situation is determined when possible and the permanent spiritual message is examined. Textbook, lectures and reports. Three hours a week. First half year. Not given 1923-1924.

III*b*. Credit hours 4.

LIFE OF CHRIST.—A reverent, scholarly examination of the Life of Lives. Goodspeed's Harmony of the Gospels is used. Open to all students of college standing. Four hours a week. Second half year. Not given 1923-1924.

IV*a*. Credit hours 3.

LIFE OF PAUL.—In this course the preparation, conversion and travels of the great Apostle Paul are carefully studied and an attempt is made to determine his unique contributions to the development of

Christian thought and the Christian church. Lectures, assigned readings and reports. First half year. Not to be offered 1924-1925.

V*b*. Credit hours 3.

THE HISTORY OF THE CHRISTIAN CHURCH.—This course takes up in turn the epochs of the Christian Church from the close of the Apostolic period down to the end of the seventeenth century. Various historic interpretations of Christianity are studied in detail, including particularly the Greek, Latin, Lutheran and Quaker conceptions. Lectures, assigned readings and reports. Seminar method. Second half year.

GREEK NEW TESTAMENT.—This course is given to second and third year Greek students as part of the regular courses in Greek. Translation and explanation of the Greek text of selected readings from the New Testament. Four hours per week. Second half year.

VI*a*. Credit hours 3.

THE CHURCH SCHOOL.—A study will be made of the organization and administration of the Sunday school. Special attention will be given to the departmental school, making local application where possible. In addition a study will be made of the necessary equipment, methods of keeping records and measuring the growth and development of the school. Three hours first semester.

VI*b*. Credit hours 3.

TEACHING THE SUNDAY SCHOOL CLASS. — This course will make a study of the art of teaching a Sunday school class, including a study of the material to be used and the equipment required. There will also be a study of the story and its use in the Sunday school, with practice work in the class, and a study of the methods for training the devotional life. Three hours, second semester.

VII*a*. Credit hours 3.

THE RURAL COMMUNITY.—A study will be made of the conditions that confront the rural communities. The study will face the moral, religious, social and educational problems of rural and village life. As far as possible the conditions prevailing in North Carolina will form the basis for the study, and all through the course the point of view will be that of the churchman. Three hours, first semester.

VII*b*. Credit hours 3.

HISTORY OF QUAKERISM.—This course deals with the history of the Society of Friends from the time of George Fox up to the present. Attention will be given to the conditions in England and America previous to the time of Fox. The various periods of Quaker history will be studied, including the founding of Pennsylvania, the migrations west, the separations, and the modern tendencies. Three hours, second semester.

VIII*a*. Credit hours 3.

THE PASTOR AND HIS WORK.—This course will include a study of the organization of the church for work in the community from the pastor's point of view. A large section of the course will be a study of the sermon and its construction. Practice work will be required in the classroom. Three hours, first semester.

VIII*b*. Credit hours 3.

FOREIGN MISSIONS.—This course includes a study of the religions, history of Christian Missions, missionary methods and biography of the different fields as they are presented. The course will consist of required reading, lectures and reports. Three hours, second semester.

BIOLOGY

The department of Biology, with which has been incorporated the Museum of Natural History, occupies a well lighted room on the first floor of Memorial Hall and shares with the department of Chemistry a large lecture room in the same building. This lecture room is provided with a projection lantern and demonstration equipment. The laboratory, 30 x 60 feet, is well equipped for all the courses offered. The working tables provide for twenty students at one time, each student furnished with locker facilities, abundant working room, and proper light for microscopic work and dissection.

The equipment consists of simple and compound microscopes, materials and apparatus for both elementary and advanced work in histology, anatomy, cytology and embryology; of collecting apparatus and small aquaria and of a large teaching collection of biological specimens. This collection embraces a wide series of geological specimens, minerals, formations and fossils; an excellent collection of mounted bird skins and smaller collections of mammals, reptiles, amphibians, and invertebrates, besides a number of anatomical preparations and a large series of prepared microscopic slides of plant and animal tissues.

A major in Biology shall consist of course I*ab* and at least sixteen hours selected from the other courses offered below.

Students majoring in this department must take Chemistry I and should also take Organic Chemistry.

I*ab*. Credit hours 8.

GENERAL BIOLOGY consists of a study of the general facts, processes and laws that govern the existence of living things. Both plants and animals will be studied. Their structure will be observed, their life-history worked out and the life-processes learned. One finds in this course those fundamental facts which make it possible to understand one's own body. The principles of organization and co-operation are also discussed. Three lectures and six laboratory periods a week throughout the year.

II*b*. Credit hours 6.

VERTEBRATE ZOOLOGY AND COMPARATIVE ANATOMY. —In this course the structure of the different types of vertebrate animals will be studied and their origin and relationships discussed. Six periods a week will be devoted to lectures and laboratory work throughout the year.

III*a*. Credit hours 3.

GENERAL EMBRYOLOGY.—The development of the vertebrate animal from the egg to the adult form is followed, the chick being used as the chief example for observation. Six periods a week will be devoted to lectures and laboratory work during the fall term.

III*b*. Credit hours 3.

HEREDITY AND EVOLUTION.—Lectures and assigned readings on the subject of inheritance and the question of improving a race. This leads into the consideration of the evolutionary theory. Three lectures a week during the spring term.

IV*ab*. Credit hours 6.

ADVANCED BIOLOGY. — Courses in morphology or physiology of plants or in cytology, histology or physiology will be offered according to the wishes of students who are prepared to take them. Three hours a week throughout the year.

V*b*. Credit hours 3.

CONQUEST OF DISEASE WITH LABORATORY WORK IN BACTERIOLOGY.—A study of some of the common

prevalent diseases, with special emphasis upon prophylaxis, anaphylaxis and preventative medicine. A study of some of the more common non-pathogenic bacteria, which are illustrative of the various types, is taken up in the laboratory. The process of fermentation, sterilization and the various industrial applications of bacteria and bacterial products are taken up both in laboratory and class. Three lectures or six hours of work in the laboratory are required. Second half year.

AGRICULTURE

VI*ab*. Credit hours 6.

CARE OF FARM ANIMALS.—This course will deal with the principles of feeding, judging and breeding of farm animals. During the winter and spring especial attention will be given to poultry and to dairying. Laboratory and practical work is conducted. Open to students who have had Biology I. Given in alternate years with Course VII. Not to be given 1924-1925.

VII*ab*. Credit hours 6.

SOILS, CROPS AND FARM MANAGEMENT.—An introduction to the geology of soils. The principal soil-forming minerals and rocks will be considered in their effects in determining soil characteristics. Fertility of the soil and its management will be studied in relation to crops and general farm management. The course will be given in alternate years with Course VI. Not given 1923-1924.

CHEMISTRY

The Chemistry Department is located in two large rooms and a smaller advanced laboratory in Memorial Hall, the whole furnishing satisfactory laboratory facilities for fifty students. The laboratories are supplied with water, gas, light, electricity and compressed air and a stock of standard equipment necessary for efficient laboratory procedure. An exhibit of various commercial chemical products and raw materials has been started and is making an attractive addition to the department. Current issues of chemical journals and a large representative collection of books on Chemistry make a valuable working reference library.

The courses of study have been arranged to satisfy the requirements for admission to medical schools and also to furnish adequate training for entering industrial chemistry or for further pursuance of chemistry in the graduate schools of the universities.

A major in Chemistry shall consist of the following courses: I, II, III, IV. A student pursuing this major must begin Chemistry in his Freshman year. He is required to take Physics I and is strongly advised to take Chemistry V and courses in French, German and advanced Mathematics.

I*ab.* Credit hours 8.

GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds and the laws which govern them. It is designed to be of general educational value and to

give at the same time an accurate knowledge of elementary Chemistry and the methods of scientific study. Required Freshman year of all students electing the Chemistry, Physics and Mathematics, Biology and Home Economics Groups. No credit will be given for a half year's work in this course. Three lectures or recitations and four laboratory hours per week, the entire year.

Text.—McPherson and Henderson, A Course in General Chemistry.

II*ab*. Credit hours 6.

QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and six laboratory periods each week. Prerequisite, Chemistry I.

III*b*. Credit hours 3.

QUANTITATIVE ANALYSIS.—A brief study of the methods used in Gravimetric, Volumetric and Electro-Analysis and the analysis of substances by the above methods. The course is planned for pre-medical students, but all students majoring in Chemistry are required to take it. Lectures, laboratory and stoichiometric exercises. One lecture and six hours laboratory each week. Prerequisites, Chemistry I and II. Second term.

Texts.—Moody, College Textbook of Quantitative Analysis; Blasdale, Quantitative Chemical Analysis.

IV*ab*. Credit hours 8.

ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and two laboratory periods of three hours per week. This course is required of all students majoring in Chemistry and will be essential to students of medicine. All year.

Text.—Norris, Organic Chemistry.

V*a*. Credit hours 3.

ADVANCED QUANTITATIVE CHEMISTRY.—This is a continuation of Course III, and consists of the analysis of minerals, gas, iron, steel and alloys. Laboratory and lectures. First half year.

V*b*. Credit hours 3.

CHEMISTRY SEMINAR.—Arranged primarily for students majoring in Chemistry. The student may spend his time with experiments in either physical or advanced organic Chemistry. Lectures, laboratory and outside reading. Second half year.

VI*a*. Credit hours 4.

CHEMISTRY OF FOOD AND NUTRITION.—This course comprises a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the

manufacture of some of the more important food materials, are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry I. Four hours. First half year. Not given 1923-1924.

Text.—Sherman, Chemistry of Food and Nutrition.

A breakage deposit of one-fourth the laboratory fee is required of all Chemistry students except those taking Chemistry IV. The deposit will be included in the term fee.

EDUCATION

It is the purpose of this department to offer courses that will meet with the approval of the State Department of Education and that will warrant the issuance of an "A" grade high school teacher's certificate. Students desiring to obtain this certificate should plan their work with a view to taking eighteen hours of professional subjects.

I*a*. Credit hours 3.

PRINCIPLES OF SECONDARY EDUCATION.—This course covers a brief survey of the educational theories of the past in order to throw light on our present day principles and tendencies. It treats of the origin and development of our public school system and points out what society has demanded of the public school and how these demands are found imbedded in our present educational practice as well as how and to what extent the school reflects the life of the people for whom it exists. It concludes with

a careful consideration of some of the applications of modern educational theory and practice.

II*b*. Credit hours 3.

CLASS ROOM MANAGEMENT.—While this course is intended primarily for those who plan to make high school teaching a profession, its application may be adapted to elementary school work to advantage. It includes a preliminary study of the nature of high school pupils, the qualifications of teachers and the practical problems and methods of classroom organization and control.

III*a*. Credit hours 3.

EDUCATIONAL PSYCHOLOGY.—The purpose of this course is to acquaint the student with the more important findings of experimental psychology, particularly as related to the learning process. Original tendencies, impulses, mental characteristics, laws of learning, transference of training, individual differences, exceptional children, and such psychological problems as concern the teacher, will receive attention.

IV*b*. Credit hours 3.

HIGH SCHOOL METHODS.—After a preliminary survey of the psychology of high school subjects the practical problems of teaching these subjects are covered in considerable detail. The aim of this course is two-fold: first, to give the student a knowledge of the nature of high school subject matter; second, to give him a working knowledge of the methods of high school instruction.

V*a*. Credit hours 3.

HISTORY OF EDUCATION.—This course deals with the evolution of educational principles and practices. While a general survey of early European educational development is undertaken, the chief emphasis is placed on the last two centuries. A comprehensive review of the educational movements of this period is undertaken, in order that the student may be made conscious that present tendencies in education are the outgrowth of the reform conceptions of early modern times.

VI*b*. Credit hours 3.

SCHOOL ADMINISTRATION.—This course is designed primarily to meet the needs of those students who plan to become high school principals or supervisors, though the course should be of advantage to any one wishing to familiarize himself with the general problems of school administration. Emphasis will be placed upon the problems of county and city organization, school finances, relation of state to schools, relation of boards of education to the community, relation of superintendent and principal, etc.

VII*a*. Credit hours 3.

PRINCIPLES OF EDUCATION (For elementary teachers).—This course is designed to meet the demand for an introductory survey of the general principles that underlie good teaching. It aims to familiarize the student with the various types of learning and the principles essential to effective class instruction.

VIII*b*. Credit hours 3.

ELEMENTARY SCHOOL METHODS.—This is a continuation of course VII*a*, dealing more specifically with methods of teaching the various elementary school subjects. Emphasis is placed on the selection, organization and presentation of the subject matter of the grades. The problem-project method, various lesson types, lesson plans, etc., are given consideration.

IX*ab*. Credit hours 1. (On state certificate 3.)

OBSERVATION AND PRACTICE TEACHING.—Open to all seniors who are to apply for an "A" grade certificate upon graduation. Ample opportunity is offered students to become acquainted with the real teaching problem under the supervision of skilled teachers.

X*a*. Credit hours 3.

EDUCATIONAL SOCIOLOGY. (See course outlined under Sociology.)—The general course in Sociology is required, together with a special survey of some good text in Educational Sociology.

XI*b*. Credit hours 3.

SPECIAL METHODS IN HOME ECONOMICS.— (See course outlined in Department of Home Economics.)

ENGLISH

A major in English shall consist of Courses I, II, VIII, and a minimum of nine additional hours elected from the courses outlined below. A student pursuing this major must also take History II and Latin I, II and III.

I*ab*. Credit hours 6.

RHETORIC AND COMPOSITION.—The elements of writing based upon a study of modern prose writers and training in composition. Special emphasis is placed upon the writing of exposition. A minimum of collateral reading is required. Weekly themes, recitations, individual conferences. Three hours a week throughout the year.

II*ab*. Credit hours 6.

ENGLISH LITERATURE.—A survey course of English literature. The purpose of the course is to give the student a comprehensive view of the historical development of English literature and to train him to read with rapidity and intelligent appreciation. Lectures, discussions and reports. Three hours throughout the year.

III*a*. Credit hours 3.

AMERICAN LITERATURE.—A survey of the colonial period and a study of representative works of the greater American writers from Irving to Whitman. Three hours a week, first semester.

III*b*. Credit hours 3.

AMERICAN LITERATURE.—A study of the tendencies of American literature since 1870, with extensive representative readings. Three hours a week, second semester.

IV*a*. Credit hours 3.

NINETEENTH CENTURY PROSE.—The work of the chief prose writers exclusive of fiction. Readings

from Lamb, DeQuincey, Newman, Huxley, Mill, Arnold, Carlyle, Macaulay, Ruskin and Stevenson. Three hours, first semester. Not offered in 1923-1924.

IV*b*. Credit hours 3.

NINETEENTH CENTURY POETRY. — Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning and Rosetti. Three hours a week, second semester. Not offered in 1923-1924.

V*a*. Credit hours 3.

MODERN DRAMA.—A study of the various influences which have manifested themselves in modern drama. Representative plays from German, French, Russian, Spanish, English, Irish, and American dramatists will be studied. Two hours a week, second semester. Not offered in 1923-1924.

V*b*. Credit hours 3.

MODERN NOVEL.—A study of the tendencies of the modern novel. Hardy, Kipling, Wells, DeMorgan, Galsworthy, Bennett, Conrad, Howells. Two hours a week, second semester. Not offered in 1923-1924.

VI*a*. Credit hours 3.

SHAKESPEARE.—A brief survey of the development of the Elizabethan drama and a study of fifteen of Shakespeare's plays, illustrating his development as a dramatic artist. Three hours a week, first semester. Not offered in 1924-1925.

VII*a*. Credit hours 3.

NEWS WRITING AND EDITING.—An elementary course in journalism with special emphasis on the gathering and writing of news. Practical exercises in editing, headline writing and newspaper make-up. Three hours a week, first semester.

VIII*b*. Credit hours 3.

ADVANCED COMPOSITION.—A course in practical composition with some attention to theories of structure and style. Practice in the fields of the essay, special article and criticism. Three hours a week, second semester.

IX*a*. Credit hours 2.

DEBATES.—The purpose of this course is to give training in the theory and practice of debating. Special attention is given to the making of briefs. Current social, political and economic questions are debated in class. Textbook and class debates. Class limited to sixteen students. Open to all college students. Elective only. Three hours a week, first semester.

IX*b*. Credit hours 2.

EXTEMPORANEOUS SPEAKING.—The course covers a study of various kinds of short informal speeches; their construction and delivery. Practice speaking comprises a major part of the work. Speeches are required that aim to develop the student's ability to talk under various conditions. Elective only. Three hours a week, second semester.

FRENCH

A major in French shall consist of courses outlined below (24 hours). A student pursuing this major must also take one of the following: Advanced English, 6 hours; Latin, 16 hours; German or Spanish (exclusive of Course A), 12 hours; History, 12 hours; courses from the Political Science department, 12 hours.

A*ab*. Credit hours 6.

Texts.—Fraser and Squair, Complete French Grammar; Halévy, L'Abbé Constantin; Labiche et Martin, Le Voyage de Monsieur Perrichon; Bercy, Français Pratique. Three hours per week.

I*ab*. Credit hours 6.

Prerequisite Course A. Careful study of grammar; reading; translation; conversation. Elementary course in French history of literature.

Texts.—Fraser and Squair, Complete French Grammar, Part II; Hugo, La Chute; Buffum, French Short Stories; Lamartine, Jeanne d'Arc; Banville Gringoire; L. S. Strachey, Landmarks in French Literature.

II*ab*. Credit hours 6.

Prerequisite Course I. Advanced course in reading, composition, conversation; phonetics.

A brief survey of early French literature and study of seventeenth century literature with special emphasis on the great classics, illustrated by the read-

ing of texts, from which the following are prescribed for critical study: French Verse of the XVIth Century (ed. Wright); Bossuet, Oraison Funèbre de Louis de Bourbon; La Bruyère, Caractères (de la Cour); Corneille, Le Cid; Racine, Andromaque; Molière, Le Bourgeois gentilhomme; l'Avare, le Misanthrope; Boileau, l'Art poetique; La Fontaine, Fables. Three hours per week.

III*a*. Credit hours 3.

Study of eighteenth century literature, illustrated by texts from which the following are prescribed for critical study: Lesage, Turcaret; Marivaux, Le Jeu de l'amour et du Hasard; Montesquieu, Esprit des Lois (Books I, II, III); Voltaire, Zaïre, Zadig, Prose; Rousseau, Pages Choisies; Beaumarchais, Le Mariage de Figaro, or Le Barbier de Seville; Chateaubriand, Atala. Three hours per week.

III*b*. Credit hours 3.

The Romantic School.

IV*ab*. Credit hours 6.

Study of modern French literature with special emphasis upon Flaubert, Maupassant, Daudet, Anatole France, Bourget, Rostand, Maeterlinck, Rolland, Brieux, Hervieu. Three hours per week.

GEOLOGY

I*ab*. Credit hours 6.

The principles of general geology. Three hours per week throughout two semesters. The work of the

first semester deals with structural geology and earth processes, that of the second with historical geology and the study of fossil remains. Throughout the course the dynamic viewpoint of geology will be emphasized. Two lecture periods and one laboratory, field or museum period per week.

Text.—Chamberlain and Salisbury, A College Textbook of Geology.

GERMAN

Students wishing to qualify for German I must offer two units of entrance work in the language or a certificate of one year's work in a college.

A*ab.* Credit hours 6.

Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

Texts.—Joynes and Wesselhoeft, German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee; Hillern, Höher als die Kirche; or equivalents. Second semester, a simple prose text. Three hours a week.

I*ab.* Credit hours 6.

Prerequisite, Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

Texts.—Wilkommen in Deutschland; Im Vaterland; Goethe, Herman und Dorothea; Schiller, der

Neffe als Onkel; Zschokke, der zerbrochene Krug, or equivalents. Three hours a week.

II*ab*. Credit hours 6.

Prerequisite, Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

Texts.—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

III*ab*. Credit hours 6.

An advanced course in German literature open to those who have completed Course II.

GREEK

A major in Greek shall consist of 24 credit hours of Greek. A student pursuing this major must also take 12 credit hours of Latin and two years' work in French or German.

I*ab*. Credit hours 6.

The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II*ab*. Credit hours 6.

In the second year, the third book of the Anabasis and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III*ab*. Credit hours 6.

During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

HISTORY

A major in History shall consist of three full year courses, including History III, selected from those listed below. A student pursuing this major must also take course I*ab* in the Department of Political Science. He is required to take one year of English in advance of English II or two years of college Latin.

I*ab*. Credit hours 6.

MEDIÆVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year. Given in alternate years. Not given 1923-1924.

II*ab*. Credit hours 6.

ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time.

Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as a requirement of Sophomores. Given in alternate years. Offered 1923-1924.

III*ab*. Credit hours 6.

AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. The social, political and economic development of the United States from the Colonial Period through the expansion of America into a World Power will be studied. Textbooks will form the basis of the course, but broad readings, reports, lectures and discussions will form the major part of the work. Three hours a week throughout the year. Required in the Political Science Group; elective in Junior or Senior year in all other groups. Given in alternate years. Not given 1923-1924.

IV*ab*. Credit hours 6.

AMERICAN GOVERNMENT.—This course is designed not only to give an accurate and comprehensive knowledge of the origin, structure and development of the government, but also an understanding of the government in operation. The course is also intended to make the students more intelligent citizens. The latest and best textbook will be used, and discussions concerning practical problems in government will be

frequent. Open to Sophomores, Juniors and Seniors. Prerequisite: American History.

a. First semester: Federal Government; three hours per week.

b. Second semester: State Government; three hours per week.

V*b*. Credit hours 3.

COMPARATIVE GOVERNMENT.—This course offers a comparative study of the constitutions and forms of government of the United States, England, Germany, France and Switzerland. Textbook and lectures. Juniors and Seniors. Second half year.

HOME ECONOMICS

The courses in Home Economics are designed to give the students practical scientific training in the most efficient and modern methods of meeting problems which confront women in the home, or to equip them for teaching the subject. Courses in related sciences are given in connection with the work of this department which will enable the student to become sufficiently trained in technical subjects to teach, to engage in community work, or to act as matron or housekeeper in a public or private institution. Among these courses are Chemistry VI, a course in the chemistry of food; and Biology V, which deals with the physiology of the digestive system, bacteriology and sanitation.

These courses as well as a course in general chemistry are required of all students specializing in Home Economics.

The laboratories, a suite of three rooms, including a cookery laboratory, three large pantries, a dining room, and a sewing laboratory, are entirely adequate to the needs. They are fully equipped, providing to each student opportunity for individual work.

A major in Home Economics shall consist of all the courses listed below or their equivalent, except Course IX which is open to Seniors and is not counted in the requirement for the bachelor's degree. A student pursuing this major must also take Chemistry VI and Biology V.

I*a*. Credit hours 3.

FOODS AND COOKERY.—This course includes a general survey of the principles of cookery. The five food principles are studied in detail, and practice is given in the cooking of those foods which serve best as illustrations. The course includes, also, a study of the history of foods, their growth and manufacture. The class prepares and serves two meals. Four hours laboratory per week. Sophomore year, first half year.

II*b*. Credit hours 3.

CLOTHING AND TEXTILES.—In this course instruction is given in hand and machine sewing, knitting, darning and patching. Simple garments, including underwear, bungalow aprons, and house dresses are made. Four hours laboratory, one hour lecture per week. Second half year. Sophomore year.

III*a*. Credit hours 3.

FOODS AND COOKERY.—A continuation of previous courses in Cookery, with emphasis on menu making and table service. Four hours laboratory work per week, one hour lecture. First half year. Junior year.

IV*b*. Credit hours 3.

CLOTHING AND TEXTILES.—A continuation of previous work in clothing. Garments more difficult in design and construction. A study of textiles gives primitive forms of textile industries; their later development; characteristics of cotton, linen, woolen and silk fibers. These facts are applied to purchasing of fabrics; to laundering of fabrics. Four hours laboratory per week, one hour lecture. Second half year. Junior year.

V*a*. Credit hours 3.

ART APPRECIATION.—This course includes, during the first quarter, a study of the evolution of the house; making of plans for modern houses; convenience and use of individual rooms; finish of woodwork and walls; principles of decoration. During the second quarter it includes a general survey of the fields of architecture, painting and sculpture from ancient to modern times. Three hours lecture per week. First half year. Junior year.

VI*a*. Credit hours 3.

DIETETICS.—This course includes a study of the nutritive value of foods, with particular reference to

the feeding of individuals of different ages from childhood to old age. Dietaries for invalids and for those suffering from diseases requiring special feeding are planned and prepared. Four hours laboratory work per week, one hour lecture. First half year. Senior year.

VII*b*. Credit hours 3.

CLOTHING AND TEXTILES.—Study of pattern; use of commercial patterns; characteristics of various fabrics and their suitability for various types of clothing. Study of costume design. Planning of complete outfit for college girl. Making of elaborate pieces of outfit. Work in millinery. Four hours laboratory work, one hour lecture. Second half year. Senior year.

VIII*a*.—Credit hours 3.

HOUSEHOLD MANAGEMENT.—This course includes a study of applied Home Economics in the home. This includes a study of the proper care of the home; of the fundamental principles of sanitation as relating to a home; of the correct apportionment of the family income; efficiency in management. Each Senior is required to do practice housekeeping in connection with this course. Three hours lecture per week. First half year. Senior year.

IX*b*. Credit hours 3.

METHODS IN HOME ECONOMICS.—A study is made of the Home Economics movement; the development of the work and its introduction into our schools, col-

leges and universities. Courses of study are planned for various types of schools. Each member of the class is required to do practice teaching. Three hours lecture per week. Second half year. Senior year.

LATIN

The purpose of this department is to familiarize the student first with Latin literature of the Augustan period and later with the Latin language as the vehicle of daily intercourse. Ease and accuracy in translations and a mastery of the general structure of the language are insisted upon. To accomplish this end, drills in idioms and inflections and practice in sight translations, oral and written, are frequent.

A major in Latin shall consist of four full year courses from those listed below, exclusive of Courses A*a* and A*b*. A student pursuing this major must also take two years of Greek.

A*a*. Credit hours 5.

CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at. Oratorical style, historical and biographical setting are considered.

A*b*. Credit hours 5.

VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. A thorough drill in syntax is given. Poetic peculiarities and prosody are studied.

I*a*. Credit hours 3.

LIVY.—This course embraces two books of Livy. Rapid reading and sight reading in easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Three hours a week. First half year. Freshman.

II*b*. Credit hours 3.

TACITUS.—This course embraces the Germania and Agricola. The Germania is studied for its intrinsic value as history; the Agricola is studied as history and as a biography. The Agricola of Tacitus and the Poet Archias of Cicero are studied as masterpieces in Latin literature. Three hours a week. Second half year. Freshman.

III*ab*. Credit hours 2.

PROSE COMPOSITION.—Required in Freshman year of all persons in Groups AI and AII and of all persons electing Latin I and II. One hour a week. Throughout the year.

IV*a*. Credit hours 3.

SELECTIONS FROM VIRGIL.—This course embraces Georgics I and IV, and selections from the Æneid. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrating Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an

essential part of the course. Three hours a week. Second half year.

V*a*. Credit hours 3.

SELECTIONS FROM OVID AND PROPERTIUS. — This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Three hours a week. First half year.

VI*b*. Credit hours 3.

HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Three hours a week. Second half year.

VII*a*. Credit hours 3.

CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Three hours a week. First half year.

VIII*a*. Credit hours 3.

ROMAN COMEDY.—This course embraces the Captive and Trinumus of Plautus, the Phormio and

Adelphoe of Terence, and is intended to give the student an idea of the fundamental qualities of Roman Comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Occasional lectures on Roman private life will be given. Three hours a week. First half year.

IX*b*. Credit hours 3.

TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Second half year.

MATHEMATICS

The courses in Mathematics are designed to meet the needs of students desiring later to do graduate work in the best universities; to pursue scientific courses; to teach Mathematics in the public schools. The college requirement of nine hours of Mathematics for all candidates for graduation may be satisfied by passing six hours of algebra and three hours of trigonometry. Students majoring in Mathematics must take algebra, solid geometry and trigonometry in the Freshman year; analytical geometry and differential calculus in the Sophomore year; solid analytical geometry and integral calculus in the Junior year; and should take differential equations and advanced calculus in the Senior year, and in order mentioned.

I*a*. Credit hours 3.

COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes quadratic equations, indeterminate equations, progressions, the binomial theorem for positive integral exponents and logarithms. Required of all Freshmen. Three hours. First half year.

Text.—Wells' College Algebra.

I*b*. Credit hours 3.*

COLLEGE ALGEBRA.—The binomial theorem for fractional and negative exponents, permutations and combinations, determinates and introduction of the theory of equations. Required of all Freshmen. Three hours. Second half year.

Text.—Wells' College Algebra.

II*a*. Credit hours 3.

SOLID GEOMETRY.—Required of students majoring in Mathematics. Three hours. First or second half year.

II*b*. Credit hours 3.

TRIGONOMETRY.—Derivation of formulae with their applications; trigonometric equations; solution of right and oblique triangles; problems involving practical applications. Required of all Freshmen. Three hours. Second half year.

Text.—Granville.

* Students majoring in Mathematics may take this course in the first half year by passing off course Ia by special examination upon entrance in the fall.

III*a*. Credit hours 3.

ANALYTIC GEOMETRY.—Theory of Cartesian and Polar coordinates; the straight line; the conic sections; the general equation of the second degree. Three hours. First half year.

Text.—Smith and Gale's New Analytic Geometry.

III*b*. Credit hours 3.

DIFFERENTIAL CALCULUS.—Three hours. Second half year.

Text.—Granville.

IV*a*. Credit hours 3.

SOLID ANALYTIC GEOMETRY.—Three hours. First half year.

Text.—

IV*b*. Credit hours 3.

INTEGRAL CALCULUS.—Three hours. Second half year.

Text.—Granville.

V*a*. Credit hours 3.

DIFFERENTIAL EQUATIONS.—A study of ordinary and partial differential equations, with their application to geometrical, physical and mechanical problems. Three hours. First half year.

Text.—Murray.

V*b*. Credit hours 3.

ADVANCED CALCULUS.—Total and partial derivatives; theory of infinitessimals; development of series;

definite integrals; approximations. Three hours. Second half year.

Text.—Osgood.

VI*a*. Credit hours 3.

TEACHING OF MATHEMATICS.—This course is designed to assist those desiring to teach Mathematics in the public schools. Three hours. First half year.

Text.—Smith, Teaching of Elementary Mathematics.

VII*b*. Credit hours 3.

SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit and level. Stadia and plane table work. The use of the solar attachment. Re-surveys. Laying out and dividing land. Profile leveling and establishing grades. Computation of areas. Correct form of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Three hours. Second half year.

VIII*a*. Credit hours 3.

DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of astronomy and offers an elementary explanation of the methods by which the dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained. Three hours. First half year. Offered in 1924.

PHILOSOPHY

I*a*. Credit hours 3.

GENERAL PSYCHOLOGY.—A survey of the main facts, principles and theories of human psychology. The course aims to present a fairly comprehensive statement of the various viewpoints of modern psychology bearing upon the fundamental phenomena of consciousness. The results of scientific experiment are emphasized as well as the more metaphysical theories based upon introspection alone.

II*b*. Credit hours 3.

HISTORY OF PHILOSOPHY.—This course begins with a study of Greek Philosophy with especial attention given to Plato and concludes with an outline of modern theories of idealism. Representative thinkers in each of the main systems of philosophy are reviewed, and application is made to present day problems.

The textbooks used are: Weber, "History of Philosophy," and Royce, "The Spirit of Modern Philosophy." Lectures, discussions and a thesis. Senior or Junior year. Three hours. Second half year. Offered in alternate years.

III*b*. Credit hours 3.

ETHICS.—In this course the trend of Christian ethics is considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with textbook and a theme on

some phase of ethical study. Three hours. Junior or Senior year. Second half year. Not given 1923-1924.

IV*b*. Credit hours 3.

LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Second half year.

Text.—Jevon's Lessons in Logic.

For other courses, see Department of Education.

PHYSICS

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall.

A major in Physics shall consist of 24 hours' work, including I*ab* and II*ab*, selected from those listed below. A student pursuing this major must take Mathematics III*a*, III*b*, IV*a*, and IV*b*.

I*ab*. Credit hours 8.

GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisite, Plane Trigonometry. Three lectures and recitations and two two-hour laboratory periods each week throughout the year.

No credit will be given for less than a year's work.

Text.—Kimball, College Physics.

II*ab*. Credit hours 6.

ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites, Physics I or an equivalent and Plane Trigonometry. Three hours throughout the year—lectures, problems, recitations, laboratory.

Text.—Timbie, Elements of Electricity.

III*b*. Credit hours 3.

THEORETICAL MECHANICS.—During the first quarter the subject is developed historically. During the second quarter a more detailed study is made of problems in statics, dynamics of a particle, and elementary rigid dynamics. Prerequisite, Physics I. Lectures and recitations. Second half year.

IV*a*. Credit hours 3.

ELECTRON THEORY AND RADIOACTIVITY. — A study of Kathode Rays, conduction of electricity through gases, theories of atomic structure, radioactivity and X-rays. Prerequisite, Physics I. Lectures and recitations. First half year.

IV*b*. Credit hours 3.

ELECTRIC WAVES.—Production and reception of damped and undamped waves with a special study of the three-element vacuum tube. Prerequisite, Physics I. Second half year.

POLITICAL SCIENCE AND ECONOMICS

I*ab*. Credit hours 6.

ECONOMICS.—The purpose of this course is to give the fundamental principles underlying our industrial life. The course is based upon the study and discussion of a textbook supplemented by lectures and assigned readings on current economic problems. Juniors and Seniors. Three hours throughout the year.

II*a*. Credit hours 3.

POLITICAL SCIENCE.—The purpose of this course is to furnish an introduction to the study of the nature, origin, and evolution of the state, the more important political theories and the organization and operation of government.

Textbook, assigned readings and reports. Juniors and Seniors. First half year.

III*a*. Credit hours 3.

SOCIOLOGY.—The purpose of this course is to furnish an introduction to the study of society. A study is made of the development of modern social institutions and attention is given to a consideration of social forces, social processes, policies and principles. Textbook, assigned readings, lectures and reports. Juniors and Seniors. First half year.

For other courses, see Department of History and Department of Education.

SPANISH

The aim of this department is to give the student a knowledge of written and spoken Spanish not only for commercial purposes, but literary as well.

From this standpoint, the student is enabled to gain a two-fold knowledge of the language, by studying the life, customs and industries of our gifted neighbors on the south, and the best known works of the authors from the mother country, Spain. Both phases are emphasized in order to meet the desires of all.

No previous knowledge of Spanish is required for entrance to Course A.

A*ab*. Credit hours 6.

Texts.—Hills and Ford, First Spanish Course; L. Wilkins, Beginners' Spanish Reader; Alarcón, El Capitan Veneno.

Three hours per week.

I*ab*. Credit hours 6.

Prerequisite Course A or a two-year high school course.

Texts.—J. P. W. Crawford, Spanish Prose Composition; Garcilaso de la Vega, El Reino de los Incas; Escrich, Fortuna; Carrión y Aza, Zaragüeta; Perez Galdos, Doña Perfecta; Supplementary Reading—Valera, Pepita Jiménez.

Three hours per week.

II*ab*. Credit hours 6.

History of Spanish Literature of the Golden Age.

Texts.—Cervantes, Don Quijote; Lazarillo de Tormes (ed. Cejador); Lope de Vega, Amar sin saber a quien; Calderon, La Vida es sueño; Fitzmaurice-Kelly, History of Spanish Literature.

Three hours per week.

MUSIC

It will be the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged which will tend to cultivate the taste, develop the mind and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

Diplomas are given to those who complete the courses.

Credit toward the bachelor's degree to the amount of not more than eight hours will be allowed for work in the Junior and Senior years in Piano and Voice. This credit will not be allowed except upon the recommendation of the instructor in charge.

PIANO

This course covers a period of four years.

The attention of the student is called to the fact that there are extra charges in the Music Course. For tuition expenses in this department, see page 102.

An outline of the work required for a diploma in music is given below. Students who are taking the

collegiate work leading to a bachelor's degree will be required to do only the music given in this outline. Students who are not planning to take a bachelor's degree must do all this work before receiving a diploma.

FRESHMAN		SOPHOMORE	
English	6	English	6
French	6	French	6
Elective	12	History	6
Theory	2	Harmony	4
Piano	8	Sight Singing	4
		Piano	8
	34		34
Required practice per week, 10 hours.		Required practice per week, 12 hours.	

JUNIOR		SENIOR	
English	6	German	6
German	6	Counterpoint	4
Psychology and Philosophy	6	Piano	12
Harmony	2	Bible	8
History of Music	2	Electives	3
Electives	3		
Piano	8		
	33		33
Required practice per week, 12 hours.		Required practice per week, 14 hours.	

FRESHMAN

Special attention will be given to hand position, the proper use and control of fingers, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

SOPHOMORE

Finger and wrist exercises, scales taught in contrary and parallel motion, grouping by accents or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Selected studies from Czerny, Burgmüller, Loeschhorn, Op. 65, Bach's Two Part Inventions.

JUNIOR

Technical exercises. Scales in double thirds and sixths.

Studies by Bertini; Heller, Op. 47 and 45; Czerny, Op. 299; Bach; Loeschhorn, Op. 66; Czerny's "Legato and Staccato"; Sonatinas and easier Sonatas by Haydn, Mozart, Beethoven.

Mendelssohn's "Song Without Words."

Pieces by Handel, Jensen, Godard, Grieg, Raff, Henselt, Saint-Saens, Chopin, Schubert and others.

SENIOR

Technical exercises.

Studies of Cramer, Clementi's Gradus ad Parnassum, Bach's Well-Tempered Clavichord, Kullak's Octaves, Beethoven's Sonatas, Chopin's Etudes.

Pieces by Weber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concertos by Beethoven, Mendelssohn and others.

Upon the satisfactory completion of the regular four years' theoretical and literary course, together with the four years' course in piano, the candidate for a diploma must satisfactorily perform programs conforming to the following schedule:

A concerto of advanced difficulty, a Beethoven sonata, selections from the more important works of Schumann, Chopin, Grieg, and composers of the modern schools.

VOCAL

The course covers a period of three years and comprises a thorough study of the correct principles of voice production and art of singing. Relaxation, breathing, and tone placing, ease of tone production and refinement of tone are insisted upon. Simple exercises for the placing and development of the voice are used, such as parts of scales, scales, arpeggios, and selected vocalises. Special attention is given to diction in English, Italian, German and French, as well as to artistic interpretation.

For graduation from the Vocal Department, the student is required to take an examination in Piano, Theory, Harmony, and Musical History.

FIRST YEAR

Vocalises: F. Sieber, Op. 92-97 for corresponding voices; Concone, Op. 9, and similar studies.

Repertoire: Songs will be selected mainly from folk songs and classical repertoire. Small songs like the following may be given for examination at the

end of the first year: Folk Songs; "The Blue Bells of Scotland"; "All Through the Night" (Welsh Air); "Drink to Me Only With Thine Eyes" (Old English); Mendelssohn, Op. 9, No. 5, "In Autumn"; Op. 8, No. 7, "May Song"; Op. 99, No. 3, "The Favorite Spot"; Weber's "Cradle Song".

SECOND YEAR

Technique: The technical work of the second year is the logical continuation of the first year's work. Ease of production, quality of tone, range and power are developed, bad habits are overcome, and correct ones acquired.

Vocalises: In addition to the material given in the first year, there should be added: "Salvatore Marchesi," Op. 15, twenty elementary and progressive vocalises; Concone, Op. 10, twenty-five lessons.

Repertoire: Songs like the following should be satisfactorily rendered at the examination: MacDowell's Op. 47, No. 1, "The Robin Sings in the Apple Tree"; Mendelssohn's Op. 71, No. 3, "To the Distant One"; Op. 47, No. 6, "By the Cradle"; Franz, Op. 5, No. 5, "Maid with Lips Like Roses Blooming"; Op. 9, No. 3, "Entreaty"; Schumann's Op. 127, No. 2, "Thy Lovely Face"; Op. 79, No. 14, "Ladybird".

To the repertoire of the second year should be added also the anthology of Italian song of the seventeenth and eighteenth centuries as bases of study in voice development and in old Italian style, which is the foundation of all singing schools.

THIRD YEAR

Technique: With normal development, the voices will differentiate more and more, and greater discrimination than in the preceding years will be found necessary in selecting exercises and songs for high, medium and low voices.

Vocalises: Bordogni, twenty-four easy vocalises; Parnofka, Op. 81, Book 2.

Repertoire: Songs of the Romantic and Modern Schools as well as Classical Schools should be studied with great thoroughness and care, and songs from Handel, Schubert, Beethoven, Mendelssohn, Schumann, Franz, Brahms and modern songs by American, French and German composers are included in this year. Selections from standard oratorios and operas are also studied.

FINAL EXAMINATIONS

The quality of each voice should be good (considering the natural quality of each voice as the standard to go by). Throughout the range of each voice, scales must be sung in piano and in forte, up and down, without showing an abrupt change of quality in changing from one tone to another, nor showing any undue effort in ascending or descending. Throughout the range of the voice, the student should be able to hold each tone and to swell and diminish it at will. During the second and third year, the student should be able to sing in good English, and also in Italian, German or French with good diction. Special attention will be given to articulation, pronunciation and interpretation.

SIGHT SINGING.—The object of this course is to enable the student to sing an ordinary melody at first sight, to know at first sight how music should sound and to write a melody after learning it.

This course is especially for beginners. It begins with the simplest intervals and rhythms and progresses until it includes difficult passages in modern vocal music. Two hours a week.

Text.—Dannhauser, Exercises in Solfeggio, Books I, II and III.

I*ab*. Credit hours 2.

THEORY.—Acoustics, only those facts which are of the utmost importance to musicians, are considered. Musical terminology; the orchestra and its instruments; study of rhythm and accent; embellishments; metre; hymn construction; figure treatment; phrasing; melodic construction; song forms; sonata forms; symphony; rondo, concerto; overture; aria form; recitative; canon, counterpoint; figure.

This course gives the student the knowledge to analyze, phrase and teach the various forms of music. One hour a week throughout the year.

Text.—Elson's Theory of Music.

II*ab*. Credit hours 2.

HARMONY.—This course begins with the study of scales, construction of major and minor scales leading to given intervals; study of triads; common chords; harmonizing melodies, either a given soprano or a figured bass; harmony in the minor; chords in first

and second inversions; cadences; chords of the seventh; uses of dominant seventh chords and sequences. One hour a week.

Text.—Preston Ware Orem's Harmony Book.

III*ab*. Credit hours 4.

HARMONY.—In the second year the course begins with the study of melody making; modulations; altered chords; non-harmonic tones; accompaniments; harmonization of chorales. Two hours a week.

Texts.—Chadwick's Harmony, Exercises by Benjamin Cutter.

IV*a*. Credit hours 2.

HISTORY OF MUSIC.—This course includes a survey of the growth in the art of music from the crude beginnings before the Christian era to the present. Special emphasis is laid upon the development of the opera; such composers as Bach, Handel, Haydn, Mozart and Beethoven of the classic school, and Schubert, Mendelssohn, Schumann, Chopin and Liszt of the romantic school. Whenever possible the works of the composers are illustrated by piano, voice and victrola selections. Two hours, first semester.

COLLEGE ORGANIZATIONS

LITERARY SOCIETIES

There are two literary societies for young men, the Henry Clay and the Websterian. They were organized in 1885 and have ever since exercised a strong and helpful influence on college affairs. These two societies occupied rooms in King Hall until that building was burned in 1908. In 1917 the societies moved into two large rooms on the second floor of the Y. M. C. A. building. These rooms have been handsomely furnished and are well equipped for every purpose, both social and literary.

The two societies for young women are the Zatasian and the Philomathean. These societies came into existence when the Philagorean Society was divided in 1908. The rooms occupied by these two societies are on the first floor of Founders Hall, and are beautifully and tastefully furnished.

The four societies meet every week on Friday night. Nearly every student in College belongs to one of them and all members are required to participate in the programs. Much valuable practice is gained in debate, oratory, declamation, extemporaneous speaking, the rendition of vocal and instrumental music, essay writing, and in the rules of parliamentary procedure. Each society conducts annually an oratorical contest.

During the year four formal inter-society receptions are given.

THE Y. M. C. A. AND Y. W. C. A.

The Young Men's and Young Women's Christian Associations of Guilford College were organized in 1889, and have a membership embracing practically the entire student body. Meetings are held every Thursday night and are addressed by students, members of the faculty, and speakers from outside the College. Joint meetings of the two Associations are held Sunday mornings. The Y. M. C. A. meets in the assembly room on the lower floor of the Y. M. C. A. Building and the Y. W. C. A. has a room in Founders Hall especially devoted to its use. A number of outside activities are conducted by committees appointed from these Associations.

Bible classes are held Sunday morning in which a majority of the students are enrolled. Weekly mission study classes are also conducted. The Associations yearly send delegates to the interstate convention and to the Student Conferences at Blue Ridge.

Committees are appointed by the Associations to meet new students on their arrival and give them every possible assistance. The Associations publish each summer a handbook of information about the College which is especially useful to new students. The social affairs of the College are in the hands of committees appointed by the Associations which work in conjunction with the faculty social committee.

Around the Y. M. and the Y. W. C. A. the religious life of the College centers and from them radiates a Christian influence which penetrates every phase of college activity.

THE COLLEGE CHORUS

The College Chorus is a mixed choir of fifty voices. The music studied is from the best composers. Each Monday evening at 6:45 the Chorus meets at Memorial Hall for music study. Twice a year an entire musical program is rendered. Director, Mr. White.

THE GLEE CLUB AND ORCHESTRA

The Glee Club, which has been doing splendid work for the past two years, has in its personnel twenty young men who prepare a musical program and make a tour of several cities in the state. Associated with the Glee Club is an Orchestra of six parts which has won much commendation. These organizations contribute a great deal to the success of various public functions at the College in addition to their special concert work.

THE DRAMATIC COUNCIL

The Dramatic Council is an executive board of nine members, representing equally the Young Women's Christian Association, the Young Men's Athletic Association and the faculty Literary Club. The Council was organized in 1921 to take charge of the presentation of the two plays which are given annually by the student organizations represented. The ideal of the organization is the presentation of clean, wholesome plays. Through its efforts a property room has been secured in Memorial Hall in which is stored all the permanent equipment which has been acquired.

THE DEBATING COUNCIL

The Debating Council is composed of six students, three from each of the literary societies for men, and one member of the faculty. The purpose is the promotion of the annual intercollegiate debates and the fostering of an interest in forensics.

THE GUILFORDIAN BOARD

The Guilfordian Board edits and publishes "The Guilfordian," the college weekly. It consists of twelve members elected by the four literary societies. The editor-in-chief, managing editor, the alumni editor, the business manager, assistant business manager, circulation manager, and the two faculty advisers are elected by the Board. The Board is provided with a comfortable office room in Founders Hall.

THE ALUMNI ASSOCIATION

The Alumni Association is organized with the following officers: Acting President, C. C. Smithdeal, Winston-Salem, N. C.; Secretary and Treasurer, Rhesa L. Newlin, Guilford College, N. C.

The Alumni Association, through its committees, extends aid to the College in various ways. There are committees on Athletics, Campus, Literary Work, Christian Work, and Publicity. A loan fund has been created by the Association for assisting students. Two meetings are held each year, one at commencement and the other in August. The Association publishes a bulletin in which reports of the year's proceedings can be found.

THE ATHLETIC ASSOCIATION

The Athletic Association has general oversight of the athletic interests of the College. Each student pays an athletic fee which makes him a member of the Association with full athletic privileges, along with the right to attend the college athletic contests.

All intercollegiate athletics are under the general direction of the Athletic Director and the Faculty Committee on Athletics, working in conjunction with the Athletic Association, a student organization. The managers of the teams are elected by the Athletic Association. The Athletic Council, which decides all important questions relating to athletics and which makes the financial appropriations, is made up of the Faculty Committee on Athletics, the Athletic Director, the officers of the Athletic Association, and the managers of the teams. There is also an Alumni Committee on Athletics.

The major sports are: Track, football, basketball, baseball and tennis, and ample facilities are provided for each of these. All schedules of games must be submitted to the Faculty Committee on Athletics for approval before final arrangements are made.

Athletic contests are promoted for the benefit of bona fide students only, and only such are permitted to represent the College in any athletic contest.

No student shall become a member of any Guilford College team during the Fall Term who registers after October 1st, nor shall any student become a member of a team during the Spring who registers after February 1st.

No student shall participate in any athletic contest who fails to pass at least eight hours of the work of the quarter previous to that in which the contest occurs.

No student shall be eligible for any athletic team who shall have been a member of any of the professional or league teams named in the classes A, B, C, and D in the publication of the National Baseball Commission.

PHYSICAL EDUCATION FOR WOMEN

AIMS

The aims of the department are as follows: (*a*) to provide an incentive and an opportunity for every student to engage in exercise daily for the promotion of health and efficiency; (*b*) To create enthusiasm and a constructive interest in play.

REQUIRED WORK

Regular physical exercise is required of all students. One hundred hours is the minimum required for one year. All students are required to take fifty per cent of their one hundred hours of exercise in class work, except during their Junior and Senior years.

MEDICAL AND PHYSICAL EXAMINATIONS

A medical and physical examination of all students will be required preliminary to their participation in the work of the department. No one will be permitted to engage in competitive athletics unless physically fit.

VOLUNTARY EXERCISE

Inter-class and inter-group contests will be conducted in all sports and activities, and are open to all students who are physically fit.

CREDIT

The amount of physical culture that is taken is entered upon the students' college record, and thereby becomes a part of any statement of the work completed by the student.

PUBLICATIONS

The Guilford College Bulletin is issued by the College four times a year. Included under this are: The Catalogue, The Alumni Bulletin, the various announcements and reports. These bulletins will be sent free of charge to any one on request.

The Guilfordian is published weekly by a board of editors elected by the four literary societies. Its main function is that of a college newspaper, but it also contains considerable material of a purely literary character. Alumni, old students, and friends of the College find it a valuable means of keeping informed as to what is going on at the College. The subscription price is $1.50 per year. Address all subscriptions to the business manager.

The Quaker is published at irregular intervals of one to two years by the Senior Class. It serves as a class book and also as a complete record in the form of pictures, poems and sketches of the various student activities of the College.

The Y. M. C. A. Yearbook is published during the summer by the Y. M. C. A. It contains all the information about the College affairs useful to new men.

SCHOLARSHIPS, PRIZES AND HONORS

SCHOLARSHIPS

Haverford and Bryn Mawr College each offer annually to Guilford College a scholarship. In selecting members of the Senior Class or members of the Alumni Association to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account. No one will be considered eligible to these scholarships who has not been a student at Guilford College for at least two years and who does not make application for consideration.

HAVERFORD

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of $300.00. The selection is made on the basis explained above.

BRYN MAWR

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of $400.00. The candidate is selected according to the statement above.

BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP

The Bible Teachers' Training School, of New York City, offers a fellowship in their School of Theology to be awarded each year upon recommendation of the faculty of Guilford College, to a member of the graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The fellowship provides board, room and tuition and $50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

MARVIN HARDIN SCHOLARSHIP

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, has endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the Spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

PRIZES

LITERARY SOCIETY PRIZES IN ORATORY

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award an orator's prize. This prize is awarded at an oratorical contest which is held by each society some time during the year.

LITERARY SOCIETY PRIZES FOR IMPROVEMENT

Each of the four literary societies awards an improvement prize. This prize is given to the new member making the most improvement during the year.

DECLAMATION PRIZES FOR HIGH SCHOOLS

Each year there is held at the College a declamation contest for high school students. Each high school is entitled to send two contestants, a young man and a young woman. Two prizes are awarded, one to the successful young man and the other to the successful young woman.

These contests are conducted by the College literary societies in order to stimulate literary society work in the high schools.

HONORS

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent in any subject, shall be entitled to "Honors".

Members of the Junior class who receive an average grade of 95 per cent in their major work and do not receive a grade below 90 per cent in any subject shall be entitled to "Special Honors".

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent, shall be entitled to "Highest Honors".

DEGREES, PRIZES AND HONORS 1921-1922

The following degrees were conferred on commencement day, June 6, 1922:

DEGREES

BACHELOR OF ARTS

Sydnor Gladstone Hodgin
James Curtis Newlin
Ruth Evangeline Outland
Ruth Isabel Pancoast
Lulu Jackson Raiford
William Lee Rudd
Eurie Ellen Teague
Mabel Cornell Ward
Esther Katherine White
Fernando Murray White
James Hugh White
Marianna White
Elizabeth Winston Yates
Alta Cora Zachary

BACHELOR OF SCIENCE

Florence Talitha Cox
Everett Lewis Holladay
Mary Blanche Lindley
Henry Grady McBane
Margaret Edna Raiford
Lyle Lyndon Williams

SCHOLARSHIPS AND PRIZES

Marvin Hardin Scholarship Elizabeth H. Brooks
Websterian Orator's Prize Thomas R. English
Websterian Improvement Prize Elton Warrick
Philomathean Orator's Prize Annie Louise Ross
Philomathean Improvement Prize Anna L. Doub
Henry Clay Orator's Prize B. Russell Branson
Henry Clay Improvement Prize Paul G. Knight
Zatasian Orator's Prize Hattie Allene Johnson
Zatasian Improvement Prize Folsam Neal
Peace Oratorical Contest Thomas R. English
Freshman Declamation Contest Margaret Levering
High School Contest:
For Boys Joseph Greeson
For Girls Elsie Green

DISCIPLINE

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great care is taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student shows little or no inclination to study, or if he fails to co-operate with the faculty in maintaining good order or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed or his parents requested to withdraw him.

Students not members of the Senior or Junior classes, wishing to go to Greensboro or to any place at a distance from the College, must obtain permission from the proper authorities.

The reading of pernicious literature, hazing in any form, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, are considered grave offenses, and treated accordingly.

The effect of tobacco on the minds of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds. If any student persists in using it elsewhere, his standing thereby will be lowered and so entered upon his record.

During the Christmas and Easter vacations no meals will be served at the College and all rooms must be vacated.

EXPENSES

The amounts given below cover the board, room rent, laundry, tuition, registration fee, athletic fee, library fee and lecture fee for the entire academic year of nine months.

Boys living in Cox Hall	$345.00
Girls living on second floor Founders Hall	335.00
Girls living on third floor Founders Hall	325.00
Girls living in New Garden Hall, not including laundry (estimated)	210.00
Boys rooming in Archdale Hall	300.00
Boys who are day students	98.00
Girls who are day students	95.00

Students who study Biology, Chemistry, Geology, Physics or Surveying will be charged laboratory fees and those studying Home Economics and Music pay fees in addition to the amounts given above. For these charges see the following pages.

College students taking more than 18 hours of work must pay $2.00 extra for each additional hour.

A deposit fee of $2.00 for women and $5.00 for men is required. After all unnecessary damages are assessed the remainder is returned at the end of the year.

A graduation fee of $10.00 is charged at the end of the college course.

The matron of the College looks after cases of slight illness, but in cases requiring a physician the student is charged for medical attention and nursing.

Thirty per cent of the total charges for the year are due at the beginning of the year, September 11th; 20 per cent on November 13th; 30 per cent at the beginning of the second half year, January 28th; and 20 per cent on March 31st. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid for board will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

Except in special cases, no reduction is made for students who enter college late. No reduction for a fraction of a week will be made.

A fee of $2.00 is charged for the privilege of late registration.

LABORATORY FEES

Laboratory fees not included in the foregoing statements are as follows:

Chemistry A or VI	$ 5.00
Other courses in Chemistry	15.00
Biology	8.00
Geology	4.00
Surveying	1.00
Physics	10.00
Home Economics	25.00
Mechanical Drawing	1.50

COST OF INSTRUCTION IN MUSIC

Piano, two lessons per week	$60.00
Vocal lessons, two lessons per week	60.00
One lesson a week, in Piano	36.00
Use of Piano for practice, one period daily	10.00
Each additional period	6.00
Certificate for graduation in Music	5.00

Day students taking music only will be charged $75.00 a year.

Students living in the dormitories must take at least one college subject in addition to their music.

Music students who take but one college subject will be charged $45.00 less than the sum of the amount for music and the other college subjects. Music students who take two college subjects will be charged $15.00 less than the total amount for music and other college subjects.

NEW GARDEN HALL FOR YOUNG WOMEN

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the matron of New Garden Hall the actual cost of board in advance. In this way the board will be furnished for about $8.00 or $9.00 per month for each girl. Girls in this Hall may do their own laundry work. If this work is sent to the College laundry, the cost will be $18.00 per year.

LOAN FUNDS

The College is in possession of several funds, the income from which is loaned deserving students. Students who use these funds sign a note which does not bear interest until date of leaving college. The signature of some other responsible person is required. Three of these funds are: The Miles White Beneficial Society Loan Fund, The Philadelphia Fund, and the Richardson Fund, the combined income from which is about $1,200.00 annually. The College Loan Fund consists of the gradual accumulation from payments of former loans. A loan fund has also been created by the Alumni Association.

MINISTERIAL STUDENTS

Students who are preparing for the ministry receive free tuition. Such students who ask for the remission of the tuition fee must sign a note which will be cancelled as soon as the signer is recognized or ordained as a minister of the gospel or appointed to a mission field. Otherwise the note will be in full force and will draw interest.

SELF-HELP

Guilford offers many opportunities for self-help. It is the aim of the College that no one shall be turned away for lack of means. Many students at the College are now paying a large part of their expenses either by earning or by borrowing money. Some students secure positions as waiters or janitors,

while others work on the campus or farm. The opportunity to devote all of one's time to study is, however, worth considerable financial sacrifice and students are not encouraged to do other work unless it is necessary.

ROOMS

No extra charge is made for light and heat in the dormitories. All rooms are fitted up with electric lights.

The rooms are comfortably furnished with bed room furniture—single beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels, and napkins.

Any student may retain his room from one academic year to the next by giving due notice of his intention in writing before May 1st. Vacant rooms will be assigned in order of application.

Except a few single rooms in Founders, all are furnished for two students each.

A student may elect to occupy a double room alone. When this is possible, it will be allowed, but the charge will be one-half the regular room rent extra.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services and lectures.

Students after arranging for rooms and board are not allowed to change without the consent of the authorities.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room. Every student must make his bed and put his room in order before 10 o'clock each morning. All rooms will be inspected periodically. Any misappropriation or defacement of furniture or fixtures or any damage to the building will be charged to the occupants of the room where such damage occurs. This includes damage to the walls incurred by driving in tacks or nails. Pictures must be hung on the picture moulding provided for the purpose.

Tampering with the electric lights creates danger of fire, and is therefore forbidden. No student is allowed to use a lamp of higher candlepower than 25-watt Mazda unless it is supplied by the College authorities.

GENERAL INFORMATION

Students are met at the Guilford College station, on the railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station a moderate charge will be made to students, members of the faculty, or visitors.

On arriving at the College at the beginning of the term, young men should go to the office of the Dean of men in the center section of Cox Hall and make arrangements for occupying the room which has been assigned to them. Young women should see either the Dean of Women at Founders Hall or the matron at New Garden. Students should then go to the President's office in Memorial Hall and be properly registered and to the Dean's office to be classified.

The next step is to go to the Treasurer's office. The first payment on all charges is due at the beginning of the term and no student is fully matriculated until his card has been signed by the treasurer, thus indicating that satisfactory financial arrangements have been made.

Students sustain a great loss who are not present at the opening of the term.

Every article of clothing sent to the laundry must be plainly marked with the full name of the owner in indelible ink.

Telegraph and express offices are established at Guilford College station. The College has telephone connection with all points both on the local and long distance line.

The College post office is "Guilford College, North Carolina," and all mail should be so addressed.

STUDENTS

GRADUATE STUDENT

Coble, Anna Henley Guilford College, N. C.

SENIOR CLASS

Allen, Nellie Frances Snow Camp, N. C.
Bostic, Helen Worth Worthville, N. C.
Carroll, Nell Pemberton Mizpah, N. C.
Chilton, Emma Alice Ararat, N. C.
Crews, C. A. Dewey Walkertown, N. C.
Farlow, Elbert Wray High Point, N. C.
Farlow, Ralph Kelsey Guilford College, N. C.
Farlow, Vera Gertrude High Point, N. C.
Finch, Mary Ruth Guilford College, N. C.
Johnson, Hattie Allene Siler City, N. C.
Lassiter, Henrietta Mechanic, N. C.
Merriman, Charles Benbow Oak Ridge, N. C.
Mock, Lena Josephine Clemmons, N. C.
Moore, Dora Lott Liberty, N. C.
Motley, Sara Hope Danville, Va.
McCracken, Zola Elizabeth Guilford College, N. C.
Pearson, Ruth Hazel Dudley, N. C.
Rabey, Lois Marie Suffolk, Va.
Raiford, Clementine Ivor, Va.
Reynolds, Elma Ruth Randleman, N. C.
Robertson, Helen Guilford College, N. C.
Robertson, Mabel D. Guilford College, N. C.
Rush, Alta Gertrude Guilford College, N. C.
Taylor, James Spottiswood Danbury, N. C.
Wolff, William A. Greensboro, N. C.

JUNIOR CLASS

Beaman, Marie Troy, N. C.
Blair, William Wesley Greensboro, N. C.
Brooks, Elizabeth H. Mt. Vernon Springs, N. C.
Bundy, Ruby Gertrude Jamestown, N. C.

Cannon, John Webb Guilford College, N. C.
Cude, Elizabeth Stanley Winston-Salem, N. C.
Cude, Wendell Holmes Colfax, N. C.
Farlow, Zelma Leah Guilford College, N. C.
Frazier, John Gurney, Jr. Guilford College, N. C.
Harris, Sam Parkin Thomasville, N. C.
Holder, Eva Gertrude Tobaccoville, N. C.
Lassiter, Robert Glenn Mechanic, N. C.
Macon, Hersal Climax, N. C.
Osborne, Virginia Pleasant Garden, N. C.
Ragsdale, Ruth Madison, N. C.
Richardson, Hazel E. Randleman, N. C.
Shore, H. Bascom East Bend, N. C.
Shore, Marvin Yadkinville, N. C.
Taylor, Nellie Luna Danbury, N. C.

SOPHOMORE CLASS

Blalock, Nida Lee Guilford College, N. C.
Branson, Byron Russell Goldsboro, N. C.
Cannon, Jennie Howard Guilford College, N. C.
Casey, Jessie Frank Goldsboro, N. C.
Chilton, Nellie Emily Walnut Cove, N. C.
Coble, Clara Maie Guilford College, N. C.
Coble, Edna M. Guilford College, N. C.
Cummings, Robert Earl Stokesdale, N. C.
Diffee, James M., Jr. High Point, N. C.
Donnell, Pansy Climax, N. C.
Henley, Mary Calhoun Laurinburg, N. C.
Hobson, Daisy Ulala East Bend, N. C.
Hodges, Ruth Click Mocksville, N. C.
Hodges, Sara Mocksville, N. C.
Holder, Edward M. Tobaccoville, N. C.
Howell, James Wilkesboro, N. C.
Jones, William Cecil Jamestown, N. C.
Knight, Paul Gilmer Stokesdale, N. C.
Lambeth, Katie Lou Guilford College, N. C.
Levering, Frances Margaret Guilford College, N. C.
Levering, Ruth Guilford College, N. C.
Little, Lawrence Calvin Greensboro, N. C.
Lowe, Alice Ione High Point, N. C.

Macon, Edith Emily Climax, N. C.
Marshall, Robert K. High Point, N. C.
Merriman, Loyd Ella Oak Ridge, N. C.
McBane, Thomas Everette Graham, N. C.
Norman, Carrie Longene Cameron, N. C.
Pringle, Harriett V. Campbell, N. C.
Ragsdale, John O'Neille Madison, N. C.
Reynolds, John Ozment Randleman, N. C.
Robertson, Blanche Guilford College, N. C.
Staley, Fairy Gertrude Climax, N. C.
Thompson, Annabel Greensboro, N. C.
Thompson, Alfred Wade Benton, N. C.
Tuttle, Ghita Helen Rural Hall, N. C.
Ward, Julia Marion Rich Square, N. C.
White, Allison Alman Belvidere, N. C.
White, Inez Mae Belvidere, N. C.
Wilkins, Sallie Vann Rose Hill, N. C.
Winn, Fred C. Columbus, Ga.
Zachary, Anna Bertha Graham, N. C.

FRESHMAN CLASS

Allen, David W. Snow Camp, N. C.
Andrews, Herbert Lee Archdale, N. C.
Armfield, Mary Margaret Jamestown, N. C.
Barbee, James Read Lexington, N. C.
Brookshire, Elizabeth Lassiter Mt. Gilead, N. C.
Bulla, Bolivar Benson Asheboro, N. C.
Burke, James Otis Graham, N. C.
Butler, Janie Mae Salemburg, N. C.
Coltrane, Martha Hazel Trinity, N. C.
Conner, Walter C. Rich Square, N. C.
Cooper, Katie Siler City, N. C.
Cox, Alpheus Milton Asheboro, N. C.
Cox, Lalah Alva Climax, N. C.
Crisp, George Bennette Falkland, N. C.
Cude, John Finch Colfax, N. C.
Cude, Luther Lee Colfax, N. C.
Curtis, Pauline F. Siler City, N. C.
Davis, Kirkielee Burlington, N. C.
Dinkins, Harvey O'Conner East Bend, N. C.

Edwards, Lina Jewell Vass, N. C.
English, Nereus Clarkson Trinity, N. C.
English, Thomas R. Trinity, N. C.
Farlow, Golda Grace Randleman, N. C.
Farlow, Lola Mae Randleman, N. C.
Fitzgerald, Mary Linwood, N. C.
Fowler, Anna Mae King, N. C.
Fryar, Geneva Catherine McLeansville, N. C.
Futrell, Gladys Judith Rich Square, N. C.
Goldston, Ina Blanche Goldston, N. C.
Griffin, Wallace Storey Edenton, N. C.
Guthrie, Herbert Garvice Graham, N. C.
Hammond, W. C., Jr. Asheboro, N. C.
Harrell, Leon Jackson Goldsboro, N. C.
Hassell, Lalah Oneita Archdale, N. C.
Hedgecock, Edith Moore High Point, N. C.
Hester, Louise Tampa, Fla.
Highfill, Geneva Guilford College, N. C.
Hockett, Carrie G. Pleasant Garden, N. C.
Hollowell, Edith Elizabeth Guilford College, N. C.
Hutson, Alta Maie Liberty, N. C.
Inman, Jewell Elizabeth Cerro Gordo, N. C.
Jinnette, Olive Wilson Bentonville, N. C.
Jones, Myrtle M. Guilford College, N. C.
Kanoy, Nell J. Biscoe, N. C.
Lane, Jack Foust Mt. Vernon Springs, N. C.
Lenderman, Henry Daniel Wilkesboro, N. C.
Lohr, Frankie Adah High Point, N. C.
Macon, Ernest M. Climax, N. C.
Martin, George Virgil Graham, N. C.
Mixon, Ina Irene Goldsboro, N. C.
Moore, Gertrude Elizabeth Waxhaw, N. C.
Moore, Mary Loucile Waynesville, N. C.
McBane, Mabel Graham, N. C.
McMahan, Sarah Frances Mocksville, N. C.
Neal, Bertha M. Walnut Cove, N. C.
Nicholson, Newlin Bartimus Saxapahaw, N. C.
Nicholson, Mary Webb Greensboro, N. C.
Pearson, Sallie Gertrude Dudley, N. C.
Peele, Albert M. Guilford College, N. C.

Pinchback, Aubrey M. Blanche, N. C.
Ragsdale, Mary Jamestown, N. C.
Benfrow, Hannah Raleigh, N. C.
Richardson, Lee T. Benaja, N. C.
Robertson, Spargar B. White Plains, N. C.
Shields, Katherine Gheen Carthage, N. C.
Simpson, Bessie Maude White Plains, N. C.
Siske, Pherlie Maie Pleasant Garden, N. C.
Smith, Charles D. Greensboro, N. C.
Smith, Charles McDonald Dudley, N. C.
Smith, Kenneth Douglas Summerfield, N. C.
Smith, French Hugo Guilford College, N. C.
Spencer, Louella Edith Farmer, N. C.
Stevens, Lila Mae Goldsboro, N. C.
Stuart, Alma Emily Liberty, N. C.
Thompson, Alice Dorothy Rich Square, N. C.
Thompson, Cordia L. Greensboro, N. C.
Townsend, Margaret Loucile Charlotte, N. C.
Tuttle, Viola Eugenia Rural Hall, N. C.
Welborn, Joe David Thomasville, N. C.
White, Lemon Turner Battleground, N. C.
White, Sylvia Anna Belvidere, N. C.
White, Vivian Robert Belvidere, N. C.
Wiles, Walter William Burlington, N. C.
Wilhelm, Herbert Holmes East Bend, N. C.
Winslow, Atlessa Leanna Belvidere, N. C.

SPECIAL STUDENTS

Crutchfield, Frank L. Guilford College, N. C.
Chappell, Ronald Rich Square, N. C.
Frazier, Helen Louise Guilford College, N. C.
Frazier, John Wesley Liberty, N. C.
Johnson, Eleanor Maie Sophia, N. C.
Mackie, Florence Christine Guilford College, N. C.
Mackie, Thad H. Guilford College, N. C.
Mitchell, Mary Anna Reidsville, N. C.
Nicholson, Ola Maye Houstonville, N. C.
Payne, Andrew Gorrell Thomasville, N. C.
Phipps, Bessie Gilma Greensboro, N. C.
Pringle, Alonzo Josephine Guilford College, N. C.

Purvis, Rufus Curtis McConnell, N. C.
Shore, B. Clyde Yadkinville, N. C.
Smith, Jeremiah Addison Greensboro, N. C.
Smith, Mary Margaret Greensboro, N. C.
Smithdeal, Grace Advance, N. C.
White, Myrta Elizabeth Belvidere, N. C.

PREPARATORY CLASS

Allen, Beulah Oyama Atlanta, Ga.
Ange, Eva Gladys Jamesville, N. C.
Armfield, William J. Asheboro, N. C.
Been, David Austin Guilford College, N. C.
Been, Edna M. Guilford College, N. C.
Bost, Leith Carl Mathews, N. C.
Burge, Roy Oliver High Point, N. C.
Burgess, Hattie Mary Guilford College, N. C.
Cooper, Robert Bernie Pelham, N. C.
Cranford, McLauren Guy Riley's Store, N. C.
Ebert, Raymond Eugene Winston-Salem, N. C.
Edwards, Moir Williamson Guilford College, N. C.
Elliott, Rosa Farmer, N. C.
Ferrell, George Guilford College, N. C.
Fogleman, Mary Zulah Greensboro, N. C.
Galloway, Virginia Joyce Greensboro, N. C.
Groome, Edwin Y. Greensboro, N. C.
Hadley, Thomas McKinley Graham, N. C.
Hammond, Thomas Wilborn Farmer, N. C.
Harvey, Milton Minter Greensboro, N. C.
Hayworth, Orvie Wm. McKinley High Point, N. C.
Hodgin, David Eugene Guilford College, N. C.
Ireland, Dan Walter Elon College, N. C.
Jackson, Artena Cox Guilford, College, N. C.
Johnson, William K. Asheboro, N. C.
Joyce, James Brantley Danbury, N. C.
Kallam, Minnie Spencer Stoneville, N. C.
Kimrey, Hardin Guilford College, N. C.
Marshburn, Blanche Guilford College, N. C.
Meacham, Lena Lee Greensboro, N. C.
Michael, Glenn Eugene Kernersville, N. C.
Mitchell, John Franklin Denton, N. C.

Morse, Thomas Duke East Bend, N. C.
McBane, Waldo Tyre Graham, N. C.
McCracken, Clara Guilford College, N. C.
McCracken, Louise E. Guilford College, N. C.
McDaniel, James Allen Asheboro, N. C.
Neese, Kenneth Carl Graham, N. C.
Outland, Wilfred Woodland, N. C.
Peele, Elwood Cox Guilford College, N. C.
Penny, James C., Jr. Greensboro, N. C.
Rich, Hal Crawson Asheboro, N. C.
Robertson, Mary Allen Guilford College, N. C.
Shore, Irvin Gray Petersburg, Va.
Skeen, Ruth Fuller Farmer, N. C.
Smith, Olga Moore Guilford College, N. C.
Stevens, Ruth Elizabeth Greensboro, N. C.
Sykes, Early Alex Asheboro, N. C.
Tew, Henry Faison Goldsboro, N. C.
Thomas, L. Fred Guilford College, N. C.
Thornburg, Aaron Carson Guilford College, N. C.
Townsend, Mildred E. Charlotte, N. C.
Tucker, David Edwin Guilford College, N. C.
Warrick, Elton Goldsboro, N. C.
Westmoreland, Ruth Rural Hall, N. C.

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